FUJITSU

Halcyon

Mini-Split Air Conditioners and Heat Pumps

for Residential and Light Commercial Applications

Halcyon

TABLE OF CONTENTS

FEATURES

Mini-Splits Defined 4
Individual Zoning 6
Comfort Solution 8
Energy Efficient 9
Comfort & Convenience 10
Applications 11
Feature Descriptions 12

MODEL LINEUP

Indoor and Outdoor Model Table 14

SINGLE ZONE MINI-SPLITS

Wall Mount 17
Floor/Ceiling 23
Ceiling Suspended 23
Floor Mount 24
Duct 26
Compact Cassette 28
Large Cassette 30

MULTI-ZONE MINI-SPLITS

Overview 33
Indoor Units
- Wall Mount 36
- Duct 37
- Compact Cassette 38
- Floor Mount 39

Multi-Zone (2-4 Zones) Outdoor 40
XLTH Multi-Zone (2-3 Zones) Outdoor 42
Flex-Zone (2-8 Zones) Outdoor 44
- Branch Boxes 46
- Piping 47

Allowable Combinations 50

ACCESSORIES

Descriptions 52
Compatibility Chart 53

MISCELLANEOUS

Line Set Length Chart 54
Model Nomenclature 54

Halcyon

Fujitsu Mini-Splits: Year-Round, Whole-Home or Business Energy Efficient Heating and Cooling

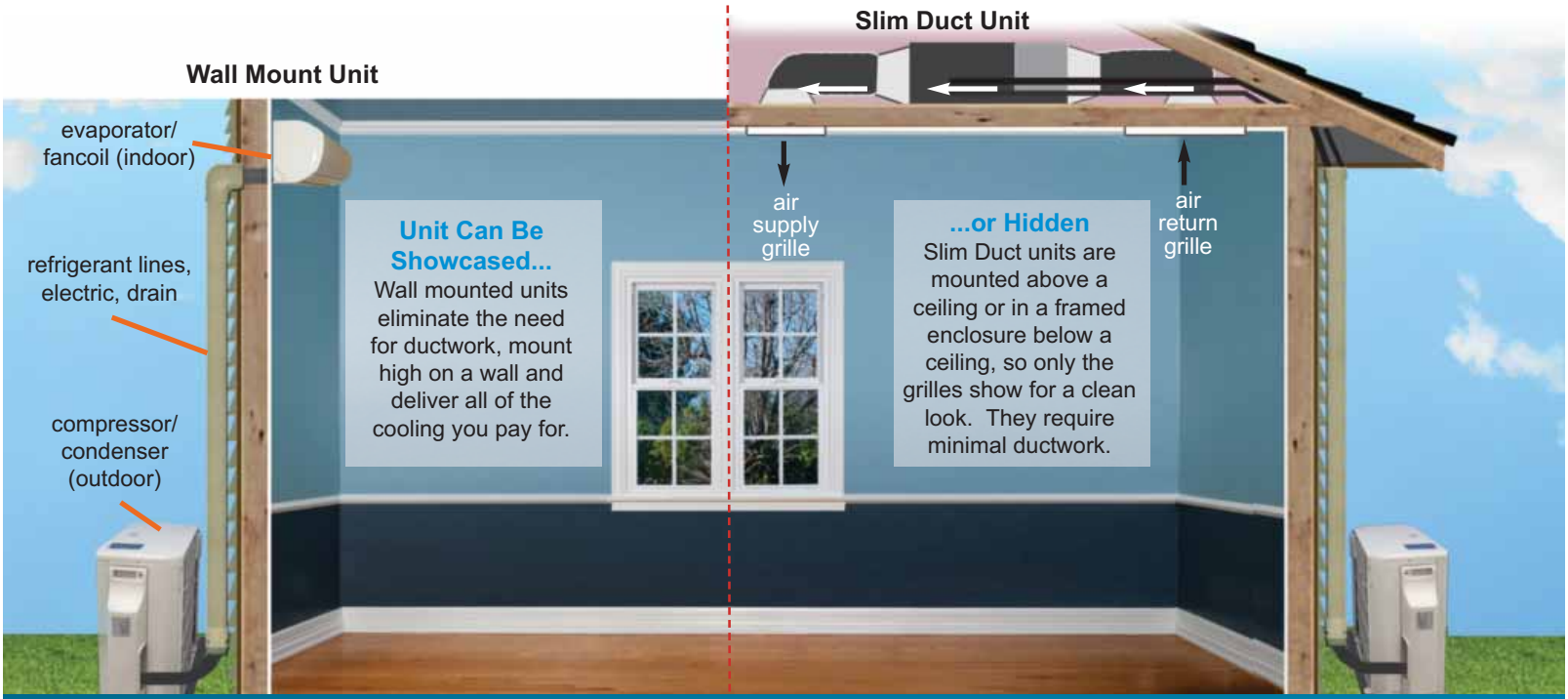
What is a Mini-Split?

Halcyon systems eliminate the need for a basement or attic-located evaporator unit and bulky ductwork by using thin copper tubing that pumps refrigerant directly to discreet wall mounted or concealed units inside. Even more remarkable, this same unit works in reverse in winter, absorbing heat from the outside air and moving it indoors to heat your home. The result? Efficient cooling and heating for year-round, whole-house comfort in most climates.

Available in numerous mix-and-match capacities and configurations, there's a Halcyon mini-split system for even the most difficult to heat and cool areas.

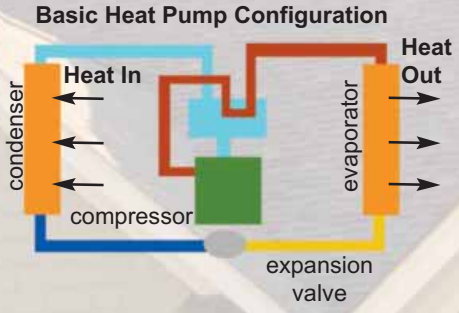
How Does a Mini-Split Work?

Like your refrigerator, heat pumps use electricity to pump refrigerant and transfer heat from one space to another. When we transfer heat from within our home to the outdoors, we call it "air conditioning". Conversely, when we transfer heat from the outdoors to within the home, we call it a "heat-pump".


Wall Mount Unit
Slim Duct Unit
evaporator/ fancoil (indoor)
refrigerant lines, electric, drain
compressor/ condenser (outdoor)
air supply grille
air return grille
Unit Can Be Showcased...
Wall mounted units eliminate the need for ductwork, mount high on a wall and deliver all of the cooling you pay for.
...or Hidden
Slim Duct units are mounted above a ceiling or in a framed enclosure below a ceiling, so only the grilles show for a clean look. They require minimal ductwork.

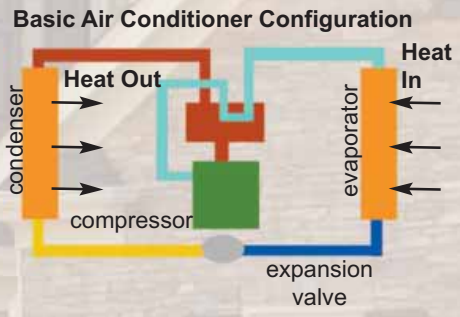
Heat Pumps Provide Heat When it is Chilly

Because refrigerant is naturally much colder than outdoor temperatures even on a very cold day, it actually absorbs heat from outdoors, and transfers the heat it absorbs outside to within your home. The refrigerant's physical properties do this naturally. What you pay for is the electricity to pump refrigerant via copper tubing from outdoors to indoors. Because we move the heat rather than create it (as electric baseboard or resistant heat does), we can deliver up to 4 times the heat for the energy we consume!



Air Conditioners Provide Cooling When It's Warm

Come spring and summer, simply reverse the process and put the same system into "cooling mode" and transfer heat from indoors to the outside. For many climates, the advanced technology that goes into these units creates a far more cost effective alternative to either gas or oil-fired units for heat, or a central ducted system for air conditioning. Fujitsu's mini-splits come in both cooling-only models or heat pumps, which provide both heating and cooling.



Electric Heaters versus Heat Pumps

An electric heater converts electricity directly to heat, and if we assume that the heat loss is zero, the output from one kilowatt input is one kilowatt or 3,400 BTU and the EER is 3.4.

Heat pumps are more efficient than some other forms of heating because heat pumps do not actually create heat - they just move it from one place to another. For example, the output of an efficient 10 EER heat pump is triple that of an electric heater.

**EER (Energy Efficiency Rating) = Rated BTU capacity divided by total kW input.*

Individual Zoning: Personalized Whole Home Comfort

Halcyon HFI Systems are some of today's most advanced forms of heating and air conditioning. One outdoor unit can operate up to 8 indoor units simultaneously. Fujitsu's HFI Systems are super quiet as well as highly energy efficient.

- Each indoor unit can be operated independently via remote control
- Choose from a variety of indoor unit styles
- Provide both heating and cooling (not simultaneously)
- High energy efficiencies
- Quiet operation

multi
18, 24, 36,000 BTUs

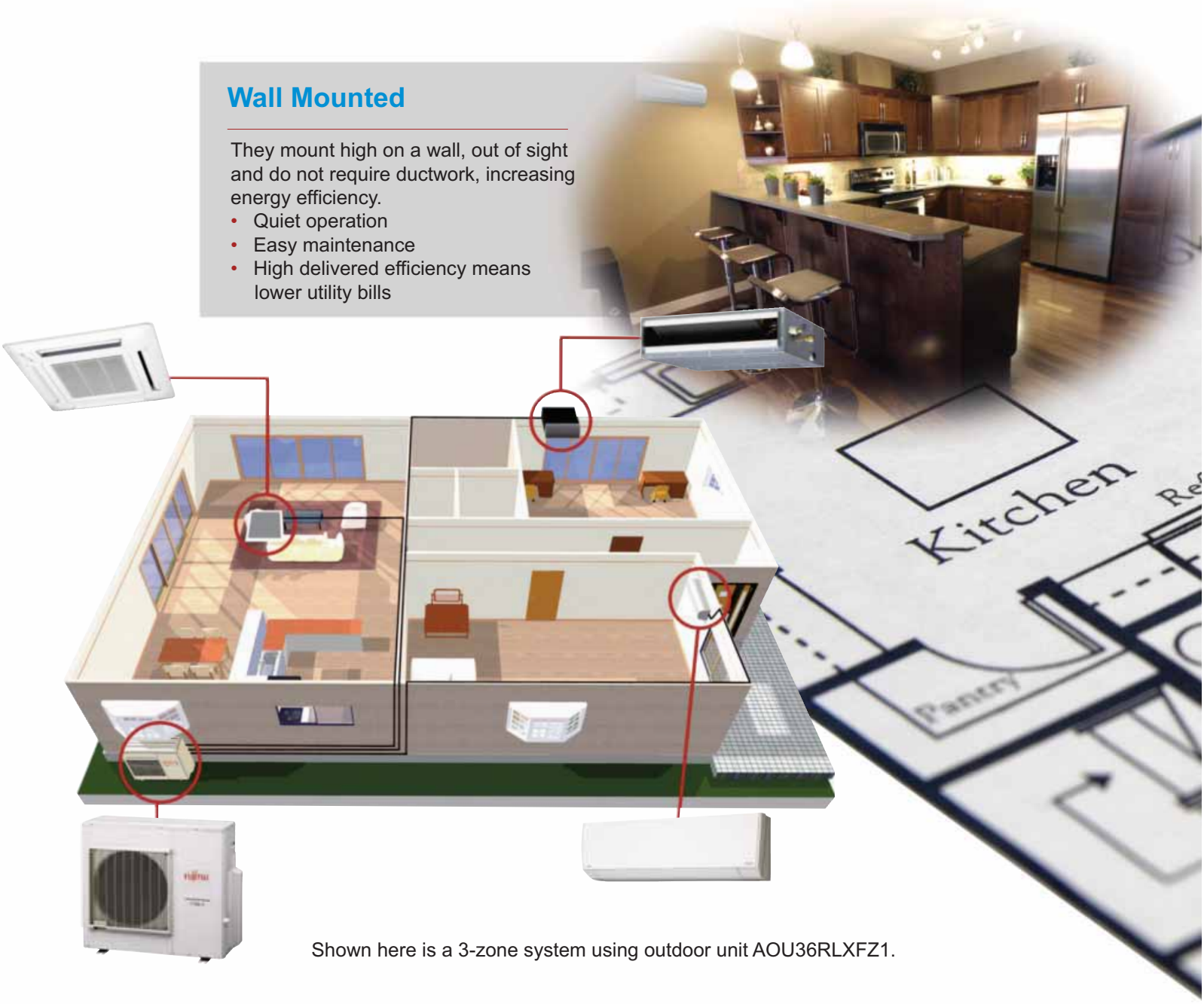
XLTH
18, 24,000 BTUs

flex
48,000 BTUs

Wall Mounted

They mount high on a wall, out of sight and do not require ductwork, increasing energy efficiency.

- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills



Shown here is a 3-zone system using outdoor unit AOU36RLXFZ1.

Slim Duct

Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.

- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency

Floor Mounted

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin airflow for improved heat delivery
- Designer wireless remote control

Compact Cassette

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

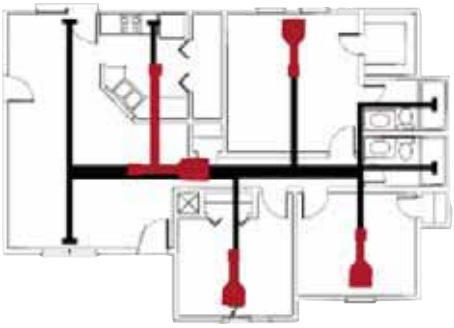
- Wired remote controller (wireless is optional)
- Powerful turbo fan operation
- Fits into a standard 2’ x 2’ ceiling grid

A Solution for All of Your Comfort Needs

Ductless Technology

Don't waste money cooling and heating the ducts in your walls and attic. Fujitsu systems are duct-less, meaning they install easily and won't take up valuable closet space. Since mini-splits have little to no ducting, they forego those energy losses typically associated with central forced-air systems. Duct losses in a central air system can easily account for more than 30% of energy consumption, especially if the ducts are not sealed tight or in an unconditioned space such as an attic or crawlspace.

Central Air System versus Fujitsu HFI Quad Zone

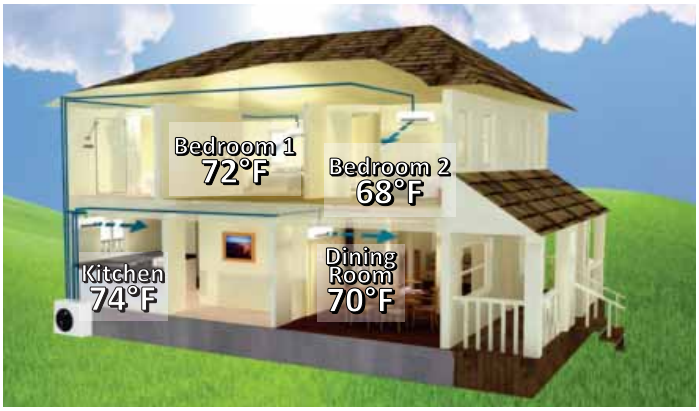


Thick black lines represent ducts of a Central Air System.

Red lines represent mini-ducts of a Fujitsu Quad Zone Slim Duct System.

Whole Home or Business Comfort

Fujitsu's Halcyon HFI systems provide home and business owners just the right amount of heating and cooling needed by installing 2 to 8 indoor units connected to one outdoor unit. Indoor units vary by size and style and each creates its own "zone" of comfort, allowing you to heat or cool individual rooms, hallways and open spaces.



A Year Round Solution

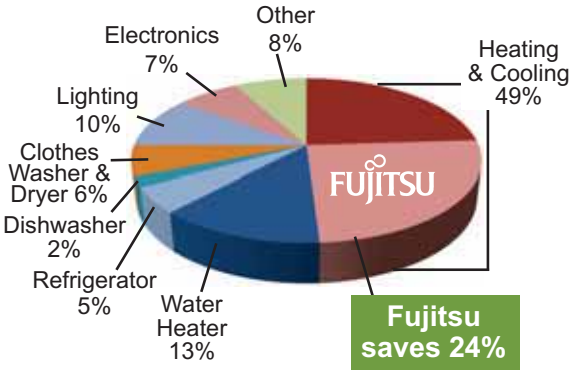
Revolutionary Halcyon heat pumps provide both heating and cooling for year round comfort in most climates. A simple push of a button on the remote control allows you to switch from heating to cooling (or vice versa) automatically.

Energy Efficient: The Smart Choice in Comfort

As much as half of the energy used in your home goes to heating and cooling. So, making smart decisions about your home's heating and air conditioning system can have a big effect on your utility bills — and your comfort.

Where Does My Money Go?

The high energy efficiencies of Halcyon systems slash utility bills by up to 24%. If your average annual utilities are $4,200, Fujitsu can save you up to $1,008 annually or $10,080 in 10 yrs!*



Fujitsu saves 24% on your utility bill

*Savings may vary based on model selected, hours of operation and geographical location. Example given based on 33-SEER system versus 14-SEER system.

Rebates

To encourage customers to buy energy efficient products, many local utility companies offer significant rebates for the purchase of a ductless mini-split system. Go to Fujitsu's web site to search for local rebates, consumer loans and utility bill discounts. We provide a listing of rebates and offerings on qualifying Fujitsu mini-splits by state. www.fujitsugeneral.com/utility_rebates.htm

ENERGY STAR® Qualified Systems

If your HVAC equipment is more than 10 years old or not keeping your house comfortable, you should have it looked at by a professional HVAC contractor. If it is not performing efficiently or needs upgrading, consider replacing it with a unit that has earned ENERGY STAR®. Installed correctly, these high-efficiency heating and cooling units can save up to 25 percent on heating and cooling costs.

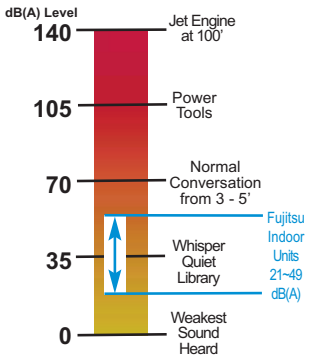
Fujitsu has 28 systems that are ENERGY STAR qualified in 2015, 18 of which meet criteria qualifying for ENERGY STAR® Most Efficient. See the lineup chart on pages 14 - 15 for a full listing of all ENERGY STAR® qualified systems.

ENERGY STAR	SEER ≥ 15.0 EER ≥ 12.5 HSPF ≥ 8.5	Most Efficient 2015 www.energystar.gov	SEER ≥ 20.0 EER ≥ 12.5 HSPF ≥ 9.6

Comfort and Convenience

Flexible and Quiet

Mini splits offer flexibility because they can be suspended from a ceiling, mounted flush behind a drop ceiling, hung on a wall or floor-standing. Ductless heat pumps allow for a peaceful inside environment by enabling the contractor to install components like compressors and motors outdoors.

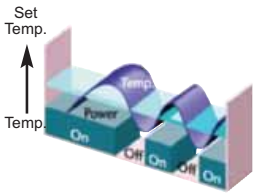


Constant Comfort through Inverter Technology

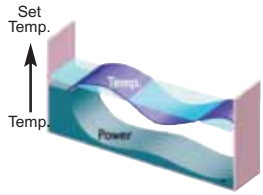
Inverter technology is like cruise control for your heating or cooling system. Compressors only run as fast as they need to handle the cooling or heating demand. They can handle greater extremes in temperature, are smoother and more stable in operation, and reach the desired temperature more quickly than conventional air conditioners.

Inverter Benefits

- More heat at lower outdoor temperatures
- Lower RPMs = quieter operation
- Desired temperature in half the time
- Up to 30% more efficient
- Stable temperature



Conventional System



Inverter System

User Friendly Control

Fujitsu is using ergonomics to expand the use of user friendly designs such as easy-to-read large LCD displays, easy-to-operate buttons, and displays with easily recognizable colors and icons. We are producing control systems that provide greater convenience for both individual and centralized control with operability suitable for the application.

Optional Wired Remote UTY-RVNUM

Standard Wireless Remote for select systems

Applications

Where can mini-splits be used?

Convenience stores

Fast food chains

Fire houses

Police stations

Oil rigs

Bars

Sunrooms and additions

Warehouses

Nursing homes

Small offices

Older homes

New construction homes

Schools

Places of worship

Hospitals and medical facilities

Restaurants

Computer rooms

Hotels and motels

Car washes

ATM vestibules

Just about any place that requires comfort!

Feature Explanation

SEER
Seasonal Energy Efficiency Rating. Used to express efficiency of an AC or Heat Pump. A higher rating means more efficient.

HSPF
Heating Seasonal Performance Factor, measures the efficiency of heating portion of your heat pump.

ENERGY STAR® Qualified
Qualified products and practices help you save money and reduce greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.

Apple Catechin Filter (polyphenol ingredient from apples)
Dust, mold spores and microorganisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated. 3 - 12 month life expectancy, depending on environment.

Ion Deodorizing Filter
Deodorizes by decomposing absorbed odors using the oxidizing and reducing effects of ions generated by fine ceramic particles. 3 year life expectancy. Wash to restore surface action.

Sleep Timer
Automatically adjusts the temperature while you sleep to make you more comfortable.

24 Hour Timer
Allows for one on/off cycle during a 24 hour period.

Weekly Timer
Allows you to set on/off time twice a day and a different on/off time by day.

Dry Mode
Allows for moisture removal in low load conditions of up to 50% of rated moisture removal capacity.

Auto Louver: Up/Down
Redirects airflow automatically with seven position up and down motion which can be set to auto swing.

Auto Louver: 4 Way
Redirects airflow automatically with up/down and left/right motion.

Auto Fan Mode
System starts in high fan speed and automatically adjusts downward as room begins to reach set temperature.

Powerful Operation
20 minutes of continuous operation at maximum airflow and maximum compressor speed. Rapid cooling and heating makes the room comfortable quickly.

Minimum Heat Mode
Sets room temperature to 50°F, keeping temperatures above freezing and reducing power consumption.

Economy Mode
Thermostat setting automatically changes according to the temperature to avoid unnecessary cooling and heating.

Energy Saver
Keeps room cool enough for comfort by using a relaxed thermostat setting reducing power consumption.

Energy Saving Program (ESP)
If a space is left without turning the unit off, ESP knows that it is unoccupied and 20 minutes later, temperature is adjusted accordingly until users return to the room. Function is disable in multi-zone installations.

+Function is bypassed during defrost and at low speed operation. This feature may limit cooling/heating capacity during high/low ambient conditions and increase energy consumption as system may need to operate longer due to reduced compressor speed.

Quiet Mode (Indoor Unit)
An extra quiet fan speed to make sure you are not disturbed.

Outdoor Unit Low Noise
Limits compressor and fan speed during high speed operation for a 3 dB noise reduction.+

Power Diffuser
An additional louver that opens based on monitoring sensors to quickly enhance immediate comfort needs.

Auto Restart/Reset
Following a power failure, systems will automatically restart in the same operating mode as before, once power has been restored.

Auto Changeover (heating to cooling or vice-versa)
Automatically alternates between heating or cooling if the room temperature falls 4˚F below the set temperature when cooling or rises 4˚F above set temperature when heating.*

Low Ambient Cooling
Can operate in cooling mode even when outdoor ambient is 0°F, 14°F or 32°F, depending on model, without modification. Operation outside of factory specification is not recommended.

Blue Fin Heat Exchanger
Blue fin treatment to the outdoor unit's heat exchanger improves corrosion resistance.

Cold Prevention
Indoor coil will warm prior to fan operating, preventing cold air during heating mode.

Slender Fit
Cassette body can be moved downward into the room 1-3/8" to accommodate limited ceiling space.

Remote Temperature Sensor
Room temperature sensor is located in optional wired remote controller only.

Pump Down Operation
Collects all refrigerant in system back into the outdoor unit when the unit is to be moved or before servicing the refrigerant circuit.

Daisy Chain
Ability to connect up to 16 identical style indoor units to one wired remote.

High Ceiling Mode
Temperature at the top of a high ceiling room may be warmer than the space occupied; this mode adjusts for this difference.

Branch Duct Capable
Systems are capable of attaching field-supplied branch ducts providing up to 38% of the cooling up to 16 feet away.

Fresh Air Intake
Outside air can be introduced by attaching field supplied flexible duct to fresh air knockouts.

Base Pan Heater
Prevents condensate from freezing on the outdoor unit.

Third Party Device Control
Turns system on or off using a normally closed circuit. Interface with third party devices such as home automation.

Warranty
Fujitsu systems come with either a 2 Year Parts / 6 Year Compressor warranty or a 5 Year Parts / 7 Year Compressor warranty.

*Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

Feature Summary

	Single Zone Wall Mount Heat Pumps																				Single Zone Ducted			Single Zone Cassette			Universal/ Ceiling Susp.			Floor Mount					Large Cassette				HFI Multi-Zone and Flex-Zone							
	9RL2	9RLFW1	9RLS3	9RLS3H	12RL2	12RLFW1	12RLS3	12RLS3H	15RLS3	15RLS3H	18RLB	18RLXFW	24RLB	24RLXFW	30RLX	30RLXB	36RLXB	9RLFCD	12RLFCD	18RLFCD	9RLFCC	12RLFCC	18RLFCC	18RULX	24RULX	36RSLX	9RLFF	9RLFFH	12RLFF	12RLFFH	15RLFF	15RLFFH	18RCLX	24RCLX	36RCLX	42RCLX	HFI: Small Wall (RLF1: 7, 9, 12k BTU)	HFI: Designer Wall" (RLS2: 9, 12, 15k BTU)	HFI: Large Wall (18,, 24k BTU)	HFI: Cassette	HFI: Slim Duct	HFI: Floor Mount
SEER	9.0	11.0	14.2	14.0	9.0	11.0	14.0	13.8	13.4	13.3	10.6	10.0	10.6	10.0	9.5	9.0	9.0	12.2	11.5	11.3	13.0	12.2	11.5	8.5	8.5	8.5	12.6	12.4	11.6	11.3	11.2	11.0	8.5	8.5	8.5	8.5	10.3^	10.3^	10.3^	10.3^	9.3^	10.3^
HSPF	16.0	23.0	33.0	33.0	16.0	22.0	29.3	29.3	25.3	25.3	19.0	19.0	18.0	18.0	17.5	16.5	15.5	21.2	20.0	19.7	24.0	21.9	20.1	16.0	15.0	14.0	26.0	26.0	22.7	22.7	20.3	20.3	16.0	15.0	14.0	15.0	21.5^	21.5^	21.5^	21.5^	14.7^	21.5^
ENERGY STAR® Qualified		●	●	●		●	●	●	●	●	●	●		●				●	●	●	●	●					●	●	●	●	●	●					●*					
Apple Catechin Filter		●	●	●		●	●	●	●	●	●	●	●	●	●	●	●										●	●	●	●	●	●					●	●	●			●
Ion Deodorizing Filter		●	●	●		●	●	●	●	●	●	●	●	●	●	●	●										●	●	●	●	●	●					●	●	●			●
Sleep Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	●	●	●	●					●	●	●	▲	▲	●
24 Hour Timer		●	●	●		●	●	●	●	●		●		●	●									●	●	●	●	●	●	●	●	●					●	●	●	▲	▲	●
Weekly Timer		□	●	●		□	●	●	●	●		□		□	□			●	●	●	●	●	●	□	□	□	□	□	□	□	□	□	●	●	●	●	□	●	□	●	●	□
Dry Mode	●	●	●	●	●	●	●	●	●	●		●		●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auto Louver: Up/ Down	●	●			●	●															●	●	●				●	●	●	●	●	●	●	●	●	●	●	●		●		●
Auto Louver: 4 Way			●	●			●	●	●	●	●	●	●	●	●	●	●							●	●	●												●				
Auto Fan Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Powerful Operation	●		●	●	●		●	●	●	●																	●	●	●	●	●	●						●				●
Minimum Heat Mode		●				●					●	●	●	●	●	●	●	▲	▲	▲	▲	▲	▲				●	●	●	●	●	●					●	●	●	▲	▲	●
Economy Mode	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●					●	●	●	●	●	●
Energy Saver																								□	□	□							●	●	●	●							
Energy Saving Program			●	●			●	●	●	●																																	
Quiet Mode (Indoor Unit)	●	●	●	●	●	●	●	●	●	●		●		●	●																						●		●	●	●		
Outdoor Unit Low Noise			●	●			●	●	●	●																																	
Power Diffuser		●				●						●		●	●																						●		●				
Auto Restart/Reset	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Auto Changeover	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●+	●+	●+	●+	●+	●
Low Ambient Cooling	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	●	●	●	●	●
0-Degree Ambient Cooling														●	●									●	●	●							●	●	●	●						
Blue Fin Heat Exchanger												●		●	●	●	●																				●'		●'	●'	●'	●'
Long Piping Length (165'+)												●		●	●									●	●	●							●	●	●	●	★	★	★	★	★	★
Cold Prevention	●	●	●	●	●	●	●	●	●	●		●		●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Slender Fit																																	●	●	●	●						
Remote Temperature Sensor		□	□*	□*		□	□*	□*	□*	□*		□		□				●	●	●	●	●	●	□	□	□	□	□	□	□	□	□	●	●	●	●	□*	□*	□	●	●	□
Daisy Chain																		●	●	●	●	●	●	●	●	●							●	●	●	●						
Pump Down Operation												●		●	●									●	●	●							●	●	●	●						
High Ceiling Mode																					●	●	●	●	●	●							●	●	●	●				●		
Branch Duct Capable																																	●	●	●	●						
Condensate Pump																		●	●	●	●	●	●										●	●	●	●				●	●	
Fresh Air Intake																		●	●	●	♦	♦	♦	●	●	●							●	●	●	●				♦		
Base Pan Heater				●				●		●																		●		●		●										
Third Party Device Control**		○	○	○		○	○	○	○	○		●		●	●			●	●	●	●	●	●														○		●	●	●	●
Warranty: 6 Yr Compressor / 2 Yr Parts															●									●	●	●							●	●	●	●						
Warranty: 7 Yr Compressor / 5 Yr Parts	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●				●	●	●	●	●	●					●	●	●	●	●	●

^ SEER and HSPF ratings depend on combination of indoor units and outdoor unit selected.

□ Available only with optional wired remote controller.

□* Available only with optional wired remote controller and optional Interface Kit.

▲ Available only with optional wireless remote controller.

○ Available only with optional Interface Kit.

♦ Available only with optional Fresh Air Intake Kit.

★ Available only when used with Flex Zone AOU48RLXFZ1 outdoor unit.

* The only combinations that qualify are AOU18RLXFZ with (2) ASU9RLF1, AOU18RLXFZ with (1) ASU7RLF1 + (1) ASU12RLF1, AOU18RLXFZ with (1) ASU9RLF1+ (1) ASU12RLF1, AOU24RLXFZ with (2) ASU7RLF1 + (1) ASU9RLF1.

** Operation monitoring and On/Off control only.

+ Auto Changeover is not designed to provide rapid changes between heating and cooling operation or simultaneous heating and cooling. This feature is not recommended for systems with more than one indoor unit unless all indoor units have similar heating and cooling requirements and have similar temperature set points. If all indoor units have similar heating and cooling requirements and have similar temperature set points, auto changeover will work.

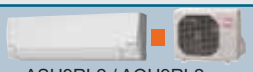
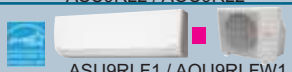
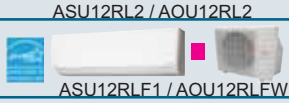
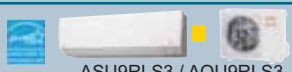
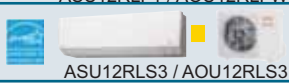
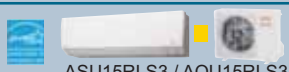
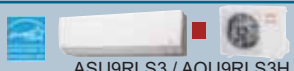
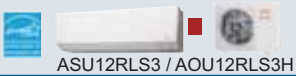
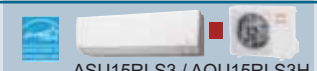
' Blue Fin is featured on outdoor multi-zone models AOU18RLXFZ, AOU18RLXFZH, AOU24RLXFZ, AOU24RLXFZH, AOU36RLXFZ1, and AOU48RLXFZ1.

" ASU9,12,15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1.

Single Zone And Multi-Zone Systems Lineup

Minimum Ambient Heating Temperatures: +14°F +5°F 0°F -5°F -15°F

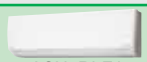
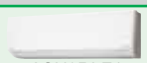
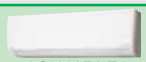
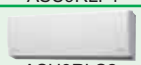
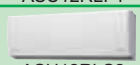
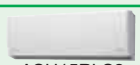
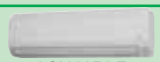
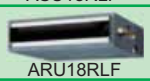
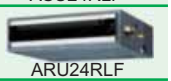
SINGLE ZONE WALL MOUNTED MINI-SPLITS

BTU	9,000	12,000	15,000
Wall Mount Entry Level Heat Pump	 ASU9RL2 / AOU9RL2	ASU12RL2 / AOU12RL2	
Wall Mount High SEER	 ASU9RLF1 / AOU9RLFW1	 ASU12RLF1 / AOU12RLFW1	
Wall Mount NEW! Highest Efficiency	 ASU9RLS3 / AOU9RLS3	 ASU12RLS3 / AOU12RLS3	 ASU15RLS3 / AOU15RLS3
Wall Mount NEW! Extra Low Temp Heating	 ASU9RLS3 / AOU9RLS3H	 ASU12RLS3 / AOU12RLS3H	 ASU15RLS3 / AOU15RLS3H

SINGLE ZONE NON-WALL MOUNTED MINI-SPLITS

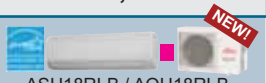
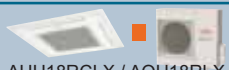
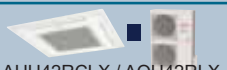
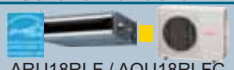
Universal Mount Floor/Ceiling			
Ceiling Suspended			
Large Cassette			
Slim Duct Horizontal/Vertical	ARU9RLF / AOU9RLFC	ARU12RLF / AOU12RLFC	
Compact Cassette	AUU9RLF / AOU9RLFC	AUU12RLF / AOU12RLFC	
Floor Mount Highest Efficiency	AGU9RLF / AOU9RLFF	AGU12RLF / AOU12RLFF	AGU15RLF / AOU15RLFF
Floor Mount Extra Low Temp Heating	AGU9RLF / AOU9RLFFH	AGU12RLF / AOU12RLFFH	AGU15RLF / AOU15RLFFH

MULTI ZONE MINI-SPLITS - INDOOR UNITS

BTU	7,000	9,000	12,000	15,000	18,000	24,000
Compact Wall Mount	 ASU7RLF1	 ASU9RLF1	 ASU12RLF1			
Designer Series Wall Mount**		 ASU9RLS2	 ASU12RLS2	 ASU15RLS2		
Large Wall Mount					 ASU18RLF	ASU24RLF
Slim Duct	ARU7RLF	ARU9RLF	ARU12RLF		 ARU18RLF	 ARU24RLF
Compact Cassette	AUU7RLF	AUU9RLF	AUU12RLF		AUU18RLF	
Floor Mount		AGU9RLF	AGU12RLF	AGU15RLF		

** ASU9,12,15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1.

Minimum Ambient Heating Temperatures: +14°F +5°F 0°F -5°F -15°F

	18,000	24,000	30,000	36,000	42,000
	 NEW! ASU18RLB / AOU18RLB	NEW! ASU24RLB / AOU24RLB	NEW! ASU30RLXB / AOU30RLXB	NEW! ASU36RLXB / AOU36RLXB	
	ASU18RLF / AOU18RLXFW	ASU24RLF / AOU24RLXFW	ASU30RLX / AOU30RLX		
	ABU18RULX / AOU18RLX	ABU24RULX / AOU24RLX			
				ABU36RSLX / AOU36RLX	
	 AUU18RCLX / AOU18RLX	AUU24RCLX / AOU24RLX		AUU36RCLX / AOU36RLX	 AUU42RCLX / AOU42RLX
	 ARU18RLF / AOU18RLFC				
	AUU18RLF / AOU18RLFC				

MULTI ZONE MINI-SPLITS - OUTDOOR UNITS

BTU	18,000 (2 Indoor Units)	24,000 (2 - 3 Indoor Units)	36,000 (2* - 4 Indoor Units)	48,000 (2 - 8 Indoor Units)
	AOU18RLXFZ	AOU24RLXFZ	NEW! AOU36RLXFZ1	AOU48RLXFZ1
	NEW! AOU18RLXFZH	NEW! AOU24RLXFZH		

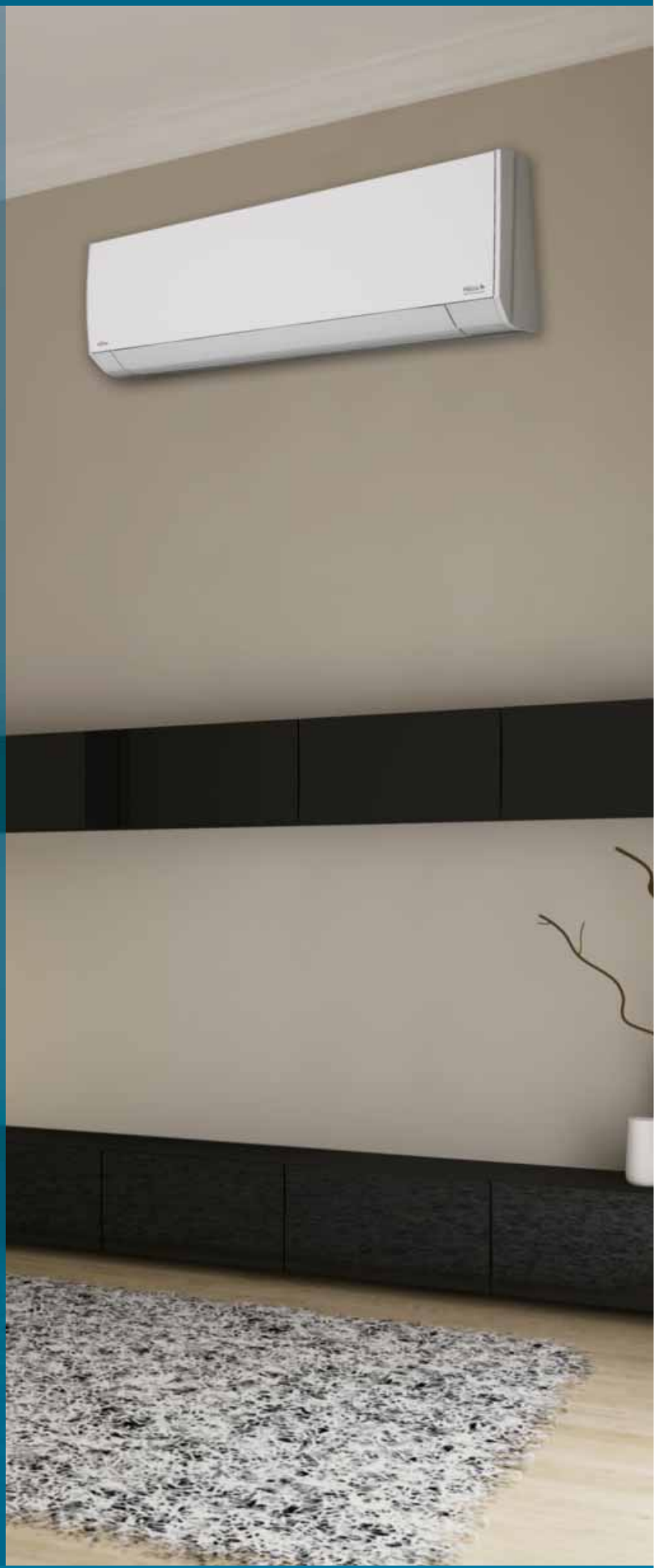
* If AOU36RLXFZ1 is paired with two 18,000 BTU indoor units, you have to purchase optional kit Part #K9FZ1818.

+ The only combinations that qualify are AOU18RLXFZ with (2) ASU9RLF1, AOU18RLXFZ with (1) ASU7RLF1 + (1) ASU12RLF1, AOU18RLXFZ with (1) ASU9RLF1 + (1) ASU12RLF1, AOU24RLXFZ with (2) ASU7RLF1 + (1) ASU9RLF1.

SINGLE ZONE MINI-SPLIT SYSTEMS

Making the hottest places cool and the coolest places more comfortable

- Extensive lineup from 9,000 to 42,000 BTU/h
- 36 different systems available in 11 indoor unit styles
- Energy efficient systems with SEER ratings as high as 33.0 and HSPF as high as 14.2
- 22 ENERGY STAR® qualified systems
- Inverter Technology is used in all systems
- All systems feature environmentally friendly R410A refrigerant
- Quiet operation with indoor units as low as 21 dB and outdoor units as low as 47 dB



Wall Mounted 115V Inverter 9, and 12,000 BTU Systems

SYSTEMS 9RL2, 12RL2

16.0 SEER

Function

Stylish, slim and elegant, these popular wall mounted units are designed for single rooms. Indoor units have a clean, aesthetic design and are small but mighty and shorter in length than competing units, helping them blend into any room. These 16-SEER heat pump systems now feature Inverter technology, environmentally friendly R410A refrigerant, both heating and cooling operation, quiet mode and easy maintenance.

Applications

This category of equipment is ideal for smaller spaces where spot cooling or heating is required. Residential applications including sunrooms and additions are made easier with these 115 volt heat pumps. Do you have a warm or cool spot in your home? Fujitsu mini-splits can provide extra cooling or heating capacity for those hard to cool areas. Commercially, their small size makes them ideal for small offices, providing individual temperature control.

Easy Maintenance

Front panel is easily removed for cleaning.

Standard Features

- Wireless Remote Control
- Sleep Timer
- Dry Mode
- Auto Louver
- Auto Mode
- Powerful Operation
- Quiet Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient
- Cold Prevention

	9RL2 Heat Pump		12RL2 Heat Pump	
Nominal Cooling *BTU/h*	9,000		12,000	
Min.~Max. Cooling *BTU/h*	1,700~10,700		3,100~12,500	
Nominal Heating *BTU/h*	10,000		14,000	
Min.~Max. Heating *BTU/h*	1,700~12,000		3,100~16,000	
HSPF *BTU/hW*	9.0		9.0	
SEER *BTU/hW*	16.0		16.0	
EER *Clg/Htg*	10.8/13.0		10.0/11.5	
Clg. Operating Range °F(°C)	15~115 (-10~46)		15~115 (-10~46)	
Htg. Operating Range °F(°C)	15~75 (-10~24)		15~75 (-10~24)	
Moisture Removal *Pt./h(l/h)*	2.7 (1.3)		3.8 (1.8)	
Voltage/Frequency/Phase	115/60/1		115/60/1	
MAX.CRT.BKR *(A)*	15		20	
Air Circ. *C.F.M. (m^3/h)*: Hi	436 (740)		436 (740)	
Medium	353 (600)		353 (600)	
Low	265 (450)		265 (450)	
Quiet	191 (325)		191 (325)	
Noise Level *dB(A) Clg/Htg*: Hi	43/43		43/43	
Medium	38/38		38/38	
Low	33/33		33/33	
Quiet	23/23		23/23	
Outdoor Fan Speed *RPM*	730		860	
Outdoor Noise Level *dB(A) Clg/Htg*	47/48		51/51	
Current *(A)*: Cooling	7.5		10.9	
Heating	7.0		11.0	
Power Use *(kw)*: Cooling	0.83		1.20	
Heating	0.77		1.21	
Fan Speeds *Stage*	4 + Auto		4 + Auto	
Air Direction: *Horizontal*	Manual		Manual	
Vertical	Automatic		Automatic	
Air Filter	Washable		Washable	
Connection Method	Flare		Flare	
Combined Min. Lgth *Ft (m)*	10 (3)		10 (3)	
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff. *Ft (m)*	49 (15)		49 (15)	
Conn. Pipe Diameter *Inch*	Suc. 3/8	Dis. 1/4	Suc. 3/8	Dis. 1/4
Net Weight *lbs. (kg)*	16 (7)	64 (29)	16 (7)	69 (31)
Dimensions: Height *Inch*	10-5/16	21-1/4	10-5/16	21-1/4
mm	262	540	262	540
Width *Inch*	32-9/32	26	32-9/32	26
mm	820	660	820	660
Depth *Inch*	8-1/8	11-11/32	8-1/8	11-11/32
mm	206	290	206	290
Refrigerant	R410A		R410A	
	Indoor ASU9RL2	Outdoor AOU9RL2	Indoor ASU12RL2	Outdoor AOU12RL2

Note: Figures are based on 115 Volts.

Wall Mounted High-SEER 9, 12 and 15,000 BTU Systems

SYSTEMS 9RLS3, 12RLS3, 15RLS3

Halcyon

Up to 33.0 SEER

ESP Energy Saving Program

These Halcyon systems know how to save you money even when you forget. If you leave the room without turning the unit off, ESP knows that you left and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This prevents wasteful operation to save energy without you having to think about it. This feature can be deactivated if chosen.

High Performance Heating

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Rated heating capacity is maintained down to 20°F. This new model can operate down to -5°F.

Standard Features for RLS3 and RLS3H Models

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24 Hour Timer
- Weekly Timer
- Dry Mode
- Auto Louver: 4-Way
- Auto Mode
- Powerful Operation Mode
- Energy Saving Program
- Economy Mode
- Quiet Mode *(Indoor)*
- Low Noise Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Cold Prevention
- Remote Temp. Sensor*
- 3rd Party Device Control+

* Available only with optional wired remote controller and optional interface kit.
\+ Available only with optional interface kit. Operation monitoring and On/Off control only.

Optional Accessories

- Wired Remote Controller: UTY-RVNUM
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Communication Kit: UTY-TWBXF1
- Dry Contact Wire Kit: UTY-XWZXZ5

INVERTER | 7 Year Compressor 5 Year Parts WARRANTY | Refrigerant R410A | Most Efficient 2015 ENERGY STAR www.energystar.gov

	9RLS3 Heat Pump	12RLS3 Heat Pump	15RLS3 Heat Pump			
Nominal Cooling *BTU/h*	9,000	12,000	14,500			
Min.~Max. Cooling *BTU/h*	3,100~12,000	3,100~13,600	3,100~18,400			
Nominal Heating *BTU/h*	12,000	16,000	18,000			
Min.~Max. Heating *BTU/h*	3,100~22,000	3,100~22,100	3,100~23,900			
HSPF *BTU/hW*	14.2	14.0	13.4			
SEER *BTU/hW*	33.0	29.3	25.3			
EER *Clg/Htg*	18.0	15.2	13.9			
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)			
Htg. Operating Range °F(°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)			
Moisture Removal *Pt./h(l/h)*	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)			
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1			
MAX.CRT.BKR *(A)*	15	15	20			
Air Circ. *C.F.M. (m³/h)*: Hi	489 (830)	489 (830)	489 (830)			
Medium	400 (680)	400 (680)	459 (780)			
Low	341 (580)	341 (580)	371 (630)			
Quiet	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)			
Noise Level *dB(A) Clg/Htg*: Hi	42/41	42/41	45/45			
Medium	37/35	37/35	40/39			
Low	32/31	32/31	34/33			
Quiet	23/23	23/23	26/27			
Outdoor Fan Speed *RPM Clg/Htg*	989/1,082	989/1,082	1,206/1,082			
Outdoor Noise Level *dB(A) Clg/Htg*	42/47	43/47	49/50			
Current *Rated/Max (A)*: Cooling	2.5/9.4	3.8/9.4	4.8/9.9			
Heating	3.3/10.0	4.7/11.9	5.2/13.9			
Power Use *Rated/Max (kw)*: Cooling	0.50/0.85	0.79/0.99	1.04/1.56			
Heating	0.66/1.93	1.01/1.94	1.15/2.19			
Fan Speeds *Stage*	4+Auto	4+Auto	4+Auto			
Air Direction: *Horizontal*	Automatic	Automatic	Automatic			
Vertical	Automatic	Automatic	Automatic			
Air Filter	Washable	Washable	Washable			
Connection Method	Flare	Flare	Flare			
Combined Min. Lgth *Ft (m)*	10 (3)	10 (3)	10 (3)			
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')			
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	49 (15)			
Conn. Pipe Diameter *Inch*	Suc.3/8	Dis.1/4	Suc.3/8	Dis.1/4	Suc.1/2	Dis.1/4
Net Weight *lbs. (kg)*	31 (14)	84 (38)	31 (14)	84 (38)	31 (14)	86 (39)
Dimensions: Height *Inch*	11-5/8	24-7/16	11-5/8	24-7/16	11-5/8	24-7/16
mm	295	620	295	620	295	620
Width *Inch*	37	31-1/8	37	31-1/8	37	31-1/8
mm	940	790	940	790	940	790
Depth *Inch*	10-5/8	11-7/16	10-5/8	11-7/16	10-5/8	11-7/16
mm	270	290	270	290	270	290
Refrigerant	R410A		R410A		R410A	
	Indoor ASU9RLS3	Outdoor AOU9RLS3	Indoor ASU12RLS3	Outdoor AOU12RLS3	Indoor ASU15RLS3	Outdoor AOU15RLS3

Note: Figures are based on 230 Volts.

Wall Mounted High-Heat 9, 12 and 15,000 BTU Systems

SYSTEMS 9RLS3H, 12RLS3H, 15RLS3H

Halcyon XLTH Extra Low Temperature Heating

Up to 14.0 HSPF

ESP Energy Saving Program

ESP senses when you leave a room and 20 minutes later, set temperature is increased by 4°F when cooling and reduced by 8°F when heating. When you come back to the room, it returns to previous operating mode. This feature can be deactivated if chosen.

High Performance Heating

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor. Standard rated heating capacity is maintained down to 3°F. RLS3H models will deliver more than 73% of rated heating capacity at -15°F.

Base Pan Heater

- Equipped with a base heater that prevents condensate from freezing
- Cultivated base design discharges melted water through many holes.
- Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance

Drain hole is not filled, no freezing of base | Freezing where there is no heater | Drain hole is closed, large freezing of base

Condition: Indoor temp. of 68°FDB / outdoor temp. of 5°FDB, Heating mode, High airflow volume. Operation for 24 hours.

Optional Accessories

- Wired Remote Controller: UTY-RVNUM
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Communication Kit: UTY-TWBXF1
- Dry Contact Wire Kit: UTY-XWZXZ5

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	9RLS3H Heat Pump	12RLS3H Heat Pump	15RLS3H Heat Pump	
Nominal Cooling *BTU/h*	9,000	12,000	14,500	
Min.~Max. Cooling *BTU/h*	3,100~12,000	3,100~13,600	3,100~18,400	
Nominal Heating *BTU/h*	12,000	16,000	18,000	
Min.~Max. Heating *BTU/h*	3,100~22,000	3,100~22,100	3,100~23,900	
HSPF *BTU/hW*	14.0	13.8	13.3	
SEER *BTU/hW*	33.0	29.3	25.3	
EER *Clg/Htg*	18.0	15.2	13.9	
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	
Htg. Operating Range °F(°C)	-15~75 (-26~24)	-15~75 (-26~24)	-15~75 (-26~24)	
Moisture Removal *Pt./h(l/h)*	2.6 (1.2)	2.7 (1.3)	4.0 (1.9)	
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	
MAX.CRT.BKR *(A)*	15	15	20	
Air Circ. *C.F.M. (m³/h)*: Hi	489 (830)	489 (830)	489 (830)	
Medium	400 (680)	400 (680)	459 (780)	
Low	341 (580)	341 (580)	371 (630)	
Quiet	224 (380)	224 (380)	Clg 259 (440) Htg 294 (500)	
Noise Level *dB(A) Clg/Htg*: Hi	42/41	42/41	45/45	
Medium	37/35	37/35	40/39	
Low	32/31	32/31	34/33	
Quiet	23/23	23/23	26/27	
Outdoor Fan Speed *RPM Clg/Htg*	989/1,082	989/1,082	1,206/1,082	
Outdoor Noise Level *dB(A) Clg/Htg*	42/47	43/47	49/50	
Current *Rated/Max (A)*: Cooling	2.5/9.4	3.8/9.4	4.8/9.9	
Heating	3.3/10.0	4.7/11.9	5.2/13.9	
Power Use *Rated/Max (kw)*: Cooling	0.50/0.85	0.79/0.99	1.04/1.56	
Heating	0.66/1.93	1.01/1.94	1.15/2.19	
Fan Speeds *Stage*	4+Auto	4+Auto	4+Auto	
Air Direction: *Horizontal*	Automatic	Automatic	Automatic	
Vertical	Automatic	Automatic	Automatic	
Air Filter	Washable	Washable	Washable	
Connection Method	Flare	Flare	Flare	
Combined Min. Lgth *Ft (m)*	10 (3)	10 (3)	10 (3)	
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	49 (15)	
Conn. Pipe Diameter *Inch*	Suc.3/8 | Dis.1/4	Suc.3/8 | Dis.1/4	Suc.1/2 | Dis.1/4	
Net Weight *lbs. (kg)*	31 (14) | 86 (39)	31 (14) | 86 (39)	31 (14) | 88 (40)	
Dimensions: Height *Inch*	11-5/8 | 24-7/16	11-5/8 | 24-7/16	11-5/8 | 24-7/16	
mm	295 | 620	295 | 620	295 | 620	
Width *Inch*	37 | 31-1/8	37 | 31-1/8	37 | 31-1/8	
mm	940 | 790	940 | 790	940 | 790	
Depth *Inch*	10-5/8 | 11-7/16	10-5/8 | 11-7/16	10-5/8 | 11-7/16	
mm	270 | 290	270 | 290	270 | 290	
Refrigerant	R410A	R410A	R410A	
	Indoor ASU9RLS3 / Outdoor AOU9RLS3H	Indoor ASU12RLS3 / Outdoor AOU12RLS3H	Indoor ASU15RLS3 / Outdoor AOU15RLS3H	

Note: Figures are based on 230 Volts.

Wall Mounted HFI Single Zone 9, 12, 18 and 24,000 BTU

9RLFW1, 12RLFW1, 18RLXFW, 24RLXFW

(COMPATIBLE ONLY WITH HFI WALL MOUNT UNIT)

Halcyon HFI Hybrid Flex Inverter

9RLFW1, 12RLFW1

18RLXFW, 24RLXFW

Up to 23 SEER

Standard Features

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deoderizing Filter
- Sleep Timer
- 24-Hour Timer
- Dry Mode
- Auto Louver: Up/Down+
- Auto Louver: 4-way^
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Quiet Mode
- Power Diffuser^
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Long Piping Length^
- Cold Prevention
- Remote Temp. Sensor*
- Pump Down Operation^
- 3rd Party Device Control**

* Available only with optional wired remote controller.
\+ Feature of 9RLFW1 and 12RLFW1 only.
^ Feature of 18RLXFW and 24RLXFW only.
**Operation monitoring and On/Off control only.

Optional Accessories

- Wired Remote Controller: UTY-RVNUM*
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM*
- Simple Remote Controller: UTY-RSNUM*
- Dry Contact Wire Kit: UTY-XWZX++
- Dry Contact Wire Kit: UTY-XWZXZ5+
- Interface Kit: UTY-XCBXZ2+

* Wall mounted ASU9, 12RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.
\+ Compatible with ASU9, 12RLF1 only.
++ Compatible with ASU18, 24RLF only.

#Adapter Fittings

Supplied in outdoor unit to be installed on the indoor unit.

	9RLFW1 Heat Pump	12RLFW1 Heat Pump	18RLXFW Heat Pump	24RLXFW Heat Pump
Nominal Cooling *BTU/h*	9,000	12,000	18,000	22,000
Min.~Max. Cooling *BTU/h*	1,700~10,900	3,100~13,300	7,000~23,000	9,900~27,300
Nominal Heating *BTU/h*	12,000	16,000	21,600	27,600
Min.~Max. Heating *BTU/h*	1,700~15,000	3,100~19,100	7,000~29,000	7,500~36,200
HSPF *BTU/hW*	11.0	11.0	10.0	10.0
SEER *BTU/hW*	23.0	22.0	19.2	18.0
EER *Clg/Htg*	13.8/13.5	12.5/12.5	13.3/12.0	12.5/11.6
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	0~115 (-18~46)
Htg. Operating Range °F(°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	0~75 (-18~24)
Moisture Removal *Pt./h(l/h)*	2.75 (1.3)	3.80 (1.8)	5.9 (2.8)	6.3 (3.0)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR *(A)*	15	20	20	30
Air Circ. *C.F.M. (m³/h)*: Hi	441 (750)	441 (750)	541 (920)	659 (1,120) Clg 677 (1,150) Htg
Medium	376 (640)	376 (640)	435 (740)	500 (930)
Low	282 (480) Clg 306 (520) Htg	282 (480) Clg 306 (520) Htg	365 (620)	435 (740)
Quiet	182 (310) Clg 194 (330) Htg	182 (310) Clg 194 (330) Htg	306 (520) Clg 318 (540) Htg	365 (620)
Noise Level *dB(A) (Clg/Htg)*: Hi	43/43	43/43	43/44	49/49
Medium	40/38	40/38	37/37	42/42
Low	32/33	32/33	33/33	37/37
Quiet	21/22	21/22	28/28	33/33
Outdoor Fan Speed *RPM Clg/Htg*	780/720	780/680	620/620	800/850
Outdoor Noise Level *dB(A) Clg/Htg*	48/48	49/49	47/50	54/55
Current *Rated/Max (A)*: Cooling	3.2/6.0	4.4/6.5	6.2/13.5	7.9/15.0
Heating	4.2/7.5	5.9/9.0	8.0/14.5	10.5/15.5
Power Use *Rated/Max (kw)*: Cooling	0.65/1.27	0.96/1.40	1.35/3.01	1.76/3.42
Heating	0.89/1.60	1.28/1.99	1.80/3.23	2.38/3.53
Fan Speeds *Stage*	4+Auto	4+Auto	4+Auto	4+Auto
Air Direction: *Horizontal*	Manual	Manual	Automatic	Automatic
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Apple Catechin Filter	Yes	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare	Flare
Combined Min. Lgth *Ft (m)*	10 (3)	10 (3)	16 (5)	16 (5)
Combined Max. Lgth *Ft (m)*	66 (20.1) (pre-charge: 49')	66 (20.1) (pre-charge: 49')	164 (50) (pre-charge: 66')	164 (50) (pre-charge: 66')
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	98 (30)	98 (30)
Conn. Pipe Diameter *Inch*	Suc. 3/8 / Dis. 1/4	Suc. 3/8 / Dis. 1/4	Suc. 5/8# / Dis. 3/8#	Suc. 5/8# / Dis. 3/8#
Net Weight *lbs. (kg)*	18 (8) / 60 (27)	18 (8) / 80 (36)	31 (14) / 135 (61)	31 (14) / 135 (61)
Dimensions: Height *Inch*	10-1/2 / 21-1/4	10-1/2 / 21-1/4	12-5/8 / 32-3/4	12-5/8 / 32-3/4
mm	268 / 540	268 / 540	320 / 830	320 / 830
Width *Inch*	33-1/16 / 26	33-1/16 / 31	39-1/4 / 35-3/8	39-1/4 / 35-3/8
mm	840 / 660	840 / 790	998 / 900	998 / 900
Depth *Inch*	8 / 11-7/16	8 / 11-7/16	9 / **13**	9 / **13**
mm	203 / 290	203 / 290	228 / 330	228 / 330
Refrigerant	R410A	R410A	R410A	R410A
	Indoor ASU9RLF1 / Outdoor AOU9RLFW1	Indoor ASU12RLF1 / Outdoor AOU12RLFW1	Indoor ASU18RLF / Outdoor AOU18RLXFW	Indoor ASU24RLF / Outdoor AOU24RLXFW

INVERTER — 7 Year Compressor / 5 Year Parts WARRANTY — Refrigerant R410A

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Systems 9RLFW1, 12RLFW1

Note: Figures are based on 230 Volts.

Wall Mounted 30,000 BTU Systems

SYSTEM 30RLX

Halcyon

17.5 SEER

Function

This wall mounted heat pump provides both heating and cooling for year-round comfort. Ultra compact yet efficient, System 30RLX provides maximum comfort in 30% less space while saving you money. Additionally, System 30RLX provides low ambient operation rated down to 0°F right out of the box without modification.

Standard Features

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deoderizing Filter
- Sleep Timer
- 24-Hour Timer
- Dry Mode
- Auto Louver: 4-way
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Quiet Mode *(Indoor)*
- Power Diffuser
- Auto Restart/Reset
- Auto Changeover
- 0°F Ambient Cooling
- Long Piping Length
- Cold Prevention
- Pump Down Operation
- 3rd Party Device Control*

*Operation monitoring and On/Off control only.

Optional Wired Remote

- Weekly Timer
- Full Function Wired Remote
- Child Lock Capable

UTY-RNBYU

Easy Maintenance

Front panel is easily removed for cleaning.

Applications

Fujitsu ductless heat pumps can be used to solve various application-specific problems. Businesses and institutions such as schools, churches, nursing homes and hospitals, commercial office buildings, strip malls, motels and restaurants, apartments and condos, computer and telephone switching rooms, and even residences commonly use these systems. With more efficient zone control, “ductless mini-splits” are perfect for renovations, restorations, conversions, and add-ons.

	30RLX Heat Pump	
Nominal Cooling *BTU/h*	30,000	
Min.~Max. Cooling *BTU/h*	9,900~32,400	
Nominal Heating *BTU/h*	32,000	
Min.~Max. Heating *BTU/h*	8,000~37,500	
HSPF *BTU/hW*	9.5	
SEER *BTU/hW*	17.5	
EER *Clg/Htg*	10.0	
Clg. Operating Range °F(°C)	0~115 (-18~46)	
Htg. Operating Range °F(°C)	0~75 (-18~24)	
Moisture Removal *Pt./h(l/h)*	9.5 (4.5)	
Voltage/Frequency/Phase	208-230/60/1	
MAX.CRT.BKR *(A)*	30	
Air Circ. *C.F.M. (m³/h)*: Hi	659 (1,120) Clg 677 (1,150) Htg	
Medium	530 (900)	
Low	435 (740)	
Quiet	365 (620)	
Noise Level *dB(A)*: Hi	49/49 (Clg/Htg)	
Medium	42/42 (Clg/Htg)	
Low	37/37 (Clg/Htg)	
Quiet	33/33 (Clg/Htg)	
Outdoor Fan Speed *RPM Clg/Htg*	850/850	
Outdoor Noise Level *dB(A)*	54/55 (Clg/Htg)	
Current *Rated/Max (A)*: Cooling	13.2/17.0	
Heating	13.1/18.5	
Power Use *Rated/Max (kw)*: Cooling	3.0/3.87	
Heating	2.99/4.22	
Fan Speeds *Stage*	4 + Auto	
Air Direction: *Horizontal*	Automatic	
Vertical	Automatic	
Air Filter	Washable	
ENERGY STAR® Qualified	No	
Connection Method	Flare	
Combined Min. Lgth *Ft (m)*	16 (5)	
Combined Max. Lgth *Ft (m)*	164 (50) (pre-charge: 66')	
Max. Vertical Diff. *Ft (m)*	98 (30)	
Conn. Pipe Diameter *Inch*	Suc. 5/8	Dis. 3/8
Net Weight *lbs. (kg)*	31 (14)	135 (61)
Dimensions: Height *Inch*	12-5/8	32-3/4
mm	320	830
Width *Inch*	39-1/4	35-3/8
mm	998	900
Depth *Inch*	9	13
mm	228	330
Refrigerant	R410A	
	Indoor ASU30RLX	Outdoor AOU30RLX

Note: Figures are based on 230 Volts.

INVERTER

6 Year Compressor 2 Year Parts WARRANTY

Refrigerant R410A

Wall Mounted 18, 24, 30 and 36,000 BTU Heat Pumps

SYSTEMS 18RLB, 24RLB, 30RLXB, 36RLXB

Halcyon

Up to 19.0 SEER

AOU18RLB AOU30RLXB
AOU24RLB AOU36RLXB

Function

Stylish, slim and elegant, these wall mounted ductless heat pumps are designed for single rooms. Ideal for spaces requiring additional capacity but are limited on space. With more efficient zone control, "ductless mini-splits" are perfect for renovations, restorations, conversions, and add-ons.

Lock Out Function

This feature is set by the contractor on behalf of the Commercial Property Owner to prevent either Cooling or Heating operation from occurring. This is not a function that can be set by a tenant, user, or home owner.

Standard Features

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deoderizing Filter
- Sleep Timer
- Auto Louver: 4-Way
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover

Standard wireless remote control

Optional Accessories

- Wired Remote Controller: UTY-RVNUM
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZX

	18RLB Heat Pump	24RLB Heat Pump	30RLXB Heat Pump	36RLXB Heat Pump
Nominal Cooling *BTU/h*	18,000	24,000	30,000	33,000
Min.~Max. Cooling *BTU/h*	3,100~19,000	3,100~25,000	9,900~32,400	9,900~34,100
Nominal Heating *BTU/h*	18,000	24,000	30,000	34,000
Min.~Max. Heating *BTU/h*	7,000~20,000	7,500~27,000	8,000~33,000	10,200~35,000
HSPF *BTU/hW*	10.6	10.6	9.0	9.0
SEER *BTU/hW*	19.0	18.0	16.5	15.5
EER *Clg*	12.5	10.0	9.5	8.5
Clg. Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Htg. Operating Range °F(°C)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)	5~75 (-15~24)
Moisture Removal *Pt./h(l/h)*	4.0 (1.9)	6.3 (3.0)	9.7 (4.6)	10.1 (4.8)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR *(A)*	15	20	30	30
Air Circ. *C.F.M. (m^3/h)*: Hi	542 (920)	659 (1,120) Clg 647 (1,100) Htg	659 (1,120) Clg 677 (1,150) Htg	695 (1,180)
Medium	439 (740)	530 (900)	530 (900)	530 (900)
Low	365 (620)	436 (740)	436 (740)	436 (740)
Quiet	306 (520)	365 (620)	365 (620)	365 (620)
Noise Level *dB(A) (Clg/Htg)*: Hi	42/43	47/47	47/49	50/50
Medium	35/36	41/42	42/42	42/42
Low	31/33	35/36	37/37	37/37
Quiet	26/28	31/33	32/33	32/33
Outdoor Fan Speed *RPM Clg/Htg*	870/780	1,050/1,000	850/850	850/850
Outdoor Noise Level *Clg/Htg dB(A)*	51/50	54/55	52/55	52/55
Current *Rated/Max (A)*: Cooling	6.4/8.3	10.5/11.8	13.8/16.8	17.0/18.0
Heating	5.8/11.8	8.5/13.8	12.3/18.8	14.8/18.8
Power Use *Rated/Max (kw)*: Cooling	1.44/1.89	2.40/2.69	3.16/3.83	3.88/4.10
Heating	1.29/2.69	1.93/3.14	2.80/4.28	3.39/4.28
Fan Speeds *Stage*	4+Auto	4+Auto	4+Auto	4+Auto
Air Direction: *Horizontal*	Automatic	Automatic	Automatic	Automatic
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Connection Method	Flare	Flare	Flare	Flare
Combined Min. Lgth *Ft (m)*	10 (3)	10 (3)	16 (5)	16 (5)
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')	66 (20) (pre-charge: 49')	165 (50) (pre-charge: 66')	165 (50) (pre-charge: 66')
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	98 (30)	98 (30)
Conn. Pipe Diameter *Inch*	Suc.1/2 / Dis.1/4	Suc.1/2 / Dis.1/4	Suc.5/8 / Dis.3/8	Suc.5/8 / Dis.3/8
Net Weight *lbs. (kg)*	31 (14) / 86 (39)	31 (14) / 86 (39)	31 (14) / 134 (61)	31 (14) / 134 (61)
Dimensions: Height *Inch*	12-5/8 / 24-7/16	12-5/8 / 24-7/16	12-5/8 / 32-11/16	12-5/8 / 32-11/16
mm	320 / 620	320 / 620	320 / 830	320 / 830
Width *Inch*	39-5/16 / 31-1/8	39-5/16 / 31-1/8	39-5/16 / 35-7/16	39-5/16 / 35-7/16
mm	998 / 790	998 / 790	998 / 900	998 / 900
Depth *Inch*	9 / 11-7/16	9 / 11-7/16	9 / 13	9 / 13
mm	228 / 290	228 / 290	228 / 330	228 / 330
Refrigerant	R410A	R410A	R410A	R410A
	Indoor ASU18RLB / Outdoor AOU18RLB	Indoor ASU24RLB / Outdoor AOU24RLB	Indoor ASU30RLXB / Outdoor AOU30RLXB	Indoor ASU36RLXB / Outdoor AOU36RLXB

INVERTER 7 Year Compressor 5 Year Parts WARRANTY Refrigerant R410A

Note: Figures are based on 230 Volts.

Ceiling and Universal Floor/Ceiling Mounted Systems

SYSTEMS 18RULX, 24RULX, 36RSLX

Up to 16 SEER

Function

The 18RULX and the 24RULX are universal mount. They can mount low on the wall or transverse mount them on the ceiling. The 36RSLX can only be mounted on the ceiling, can take in fresh air and can throw air farther.

Standard Features

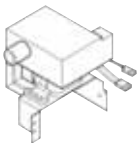
- Wireless Remote Control
- Sleep Timer
- 24 Hour Timer
- Dry Mode
- Auto Louver: 4 Way
- Auto Mode
- Auto Restart/Reset
- Auto Changeover
- 0°F Ambient Cooling
- Long Piping Length
- Cold Prevention
- Energy Saver*
- Remote Temp. Sensor*
- Daisy Chain
- Pump Down Operation
- High Ceiling Mode
- Fresh Air Intake^

*Available only with optional wired remote controller.
^Fresh air knockout available. Fresh air fan and ductwork field supplied. See Design and Technical Manual for details

Optional Accessories

- Wired Remote Control UTY-RNBYU*
  - Weekly Timer
  - Full Function Wired Remote
  - Child Lock Capable

  *Requires dip switch change on indoor unit.



- Condensate Pump UTR-DPB24T
  - OEM design plug and play
  - Rated for 11.8" of vertical lift.

Applications

The universal mount 18RULX and 24RULX are ideal for a house of worship to mount beneath stained glass windows. Lower in height than the pews, they do not disturb the aesthetics of the space. With long piping lengths of 165' the outdoor units can also be placed remotely out of sight. Another popular application for this model is in hallways where wall space is limited. The 36RSLX is popular where fresh air intake and high capacity is required like a restaurant or bar. They are also often suspended from threaded rod and used in multiple to condition large warehouse spaces.

	18RULX Heat Pump	24RULX Heat Pump	36RSLX Heat Pump	
Nominal Cooling *BTU/h*	17,800	22,200	34,100	
Min.~Max. Cooling *BTU/h*	5,000~21,600	5,000~27,300	8,500~36,000	
Nominal Heating *BTU/h*	21,500	24,000	36,500	
Low Heating 17°F *BTU/h*	13,000	15,000	23,400	
Min.~Max. Heating *BTU/h*	5,000~25,600	5,000~29,000	9,200~42,700	
HSPF *BTU/hW*	8.5	8.5	8.5	
SEER *BTU/hW*	16.0	15.0	14.0	
EER *Clg/Htg*	10.9/9.6	9.9/10.2	8.1/10.4	
Clg. Operating Range °F(°C)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)	
Htg. Operating Range °F(°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	
Moisture Removal *Pt./h(l/h)*	5.3 (2.5)	7.4 (3.5)	7.4 (3.5)	
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	
MAX.CRT.BKR *(A)*	20	20	30	
Air Circ. *C.F.M. (m^3/h)*: Hi	459 (780)	518 (880)	1089 (1850)	
Medium	383 (650)	436 (740)	977 (1660)	
Low	324 (550)	371 (630)	842 (1430)	
Noise Level *dB(A)*: Hi	43/43 (Clg/Htg)	47/47 (Clg/Htg)	48/48 (Clg/Htg)	
Medium	39/39 (Clg/Htg)	43/43 (Clg/Htg)	45/43 (Clg/Htg)	
Low	35/35 (Clg/Htg)	38/38 (Clg/Htg)	41/39 (Clg/Htg)	
Outdoor Fan Speed *RPM*	780/780	850/900	850/900	
Outdoor Noise Level *dB(A)*	51/53	53/55	54/55	
Current *Rated/Max (A)*: Cooling	7.1/12.5	9.8/12.5	18.3/18.8	
Heating	9.8/12.5	10.2/12.5	15.3/18.8	
Power Use *Rated/Max (kw)*: Cooling	1.63/2.88	2.25/2.88	4.22/4.35	
Heating	2.25/2.88	2.35/2.88	3.50/4.35	
Fan Speeds *Stage*	3 + Auto	3 + Auto	3 + Auto	
Air Direction: *Horizontal*	Automatic	Automatic	Automatic	
Vertical	Automatic	Automatic	Automatic	
Air Filter	Washable	Washable	Washable	
Front Grille	Permanent	Permanent	Permanent	
Connection Method	Flare	Flare	Flare	
Combined Min. Lgth *Ft (m)*	16 (5)	16 (5)	16 (5)	
Combined Max. Lgth *Ft (m)*	165 (50) (pre-charge: 49')	165 (50) (pre-charge: 49')	165 (50) (pre-charge: 49')	
Max. Vertical Diff. *Ft (m)*	66 (20)	66 (20)	98 (30)	
Conn. Pipe Diameter *Inch*	Suc.1/2	Dis. 1/4	Suc.5/8	Dis. 3/8	Suc.5/8	Dis. 3/8
Net Weight *lbs. (kg)*	62 (28)	141 (64)	62 (28)	141 (64)	106 (48)	141 (64)
Dimensions: Height *Inch*	7-7/8	32-3/4	7-7/8	32-3/4	9-1/2	32-3/4
mm	199	830	199	830	240	830
Width *Inch*	39-1/8	35-1/2	39-1/8	35-1/2	65-1/2	35-1/2
mm	990	900	990	900	1660	900
Depth *Inch*	25-7/8	13	25-7/8	13	27-5/8	13
mm	655	330	655	330	700	330
Refrigerant	R410A		R410A		R410A	
	Indoor ABU18RULX	Outdoor AOU18RLX	Indoor ABU24RULX	Outdoor AOU24RLX	Indoor ABU36RSLX	Outdoor AOU36RLX

Note: Figures are based on 230 Volts.

Floor Mount Single Zone 9, 12 and 15,000 BTU Systems

SYSTEMS 9RLFF, 12RLFF, 15RLFF

Halcyon HFI Hybrid Flex Inverter

Up to 26 SEER

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space.

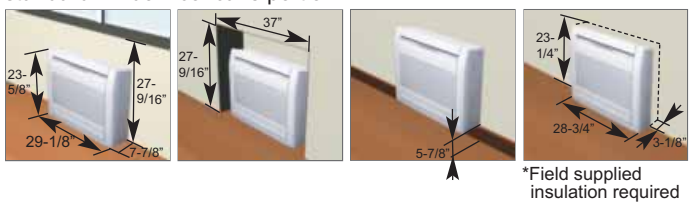
At less than 24" high and 30" wide, floor mount models fit easily under a standard window and can replace a radiator twice its size while producing more capacity.

Standard Features *for RLFF and RLFFH Models*

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deoderizing Filter
- Sleep Timer
- 24-Hour Timer
- Auto Louver: Up/Down
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Powerful Mode

Flexible and Easy Installation

Beneath standard window | Standard concave portion | Wall | Half concealed*



*Field supplied insulation required

Accessories *for RLFF and RLFFH Models*

- Wired Remote Controller: UTY-RVNUM
  Backlit and includes room temperature
- Wired Remote Controller: UTY-RNNUM
- Simple Remote Controller: UTY-RSNUM
- Dry Contact Wire Kit: UTY-XWZXZ5

	Low Temperature Heating Down to -5°F					
	9RLFF Heat Pump		12RLFF Heat Pump		15RLFF Heat Pump	
Nominal Cooling *BTU/h*	9,000		12,000		14,200	
Min.~Max. Cooling *BTU/h*	3,100~13,000		3,100~14,300		3,100~17,700	
Nominal Heating *BTU/h*	12,000		16,000		18,000	
Min.~Max. Heating *BTU/h*	3,100~18,800		3,100~22,100		3,100~23,900	
HSPF *BTU/hW*	12.6		11.6		11.2	
SEER *BTU/hW*	26.0		22.7		20.3	
EER *Clg/Htg*	16.0/13.6		13.1/11.1		12.5/11.3	
Clg. Operating Range °F(°C)	14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)	
Htg. Operating Range °F(°C)	-5~75 (-21~24)		-5~75 (-21~24)		-5~75 (-21~24)	
Moisture Removal *Pt./h(l/h)*	2.75 (1.3)		3.8 (1.8)		4.44 (2.1)	
Voltage/Frequency/Phase	208-230/60/1		208-230/60/1		208-230/60/1	
MAX.CRT.BKR *(A)*	15		15		20	
Air Circ. *C.F.M. (m³/h)*: Hi	335 (570)		335 (570)		383 (650)	
Medium	271 (460)		271 (460)		306 (520)	
Low	212 (360)		212 (360)		235 (400)	
Quiet	159 (270)		159 (270)		159 (270)	
Noise Level *dB(A)Clg/Htg*: Hi	40/40		40/40		44/43	
Medium	35/35		35/35		38/37	
Low	29/29		29/29		31/29	
Quiet	23/23		23/23		23/23	
Outdoor Fan Speed *RPM Clg/Htg*	870/870		1,050/870		1,050/1,000	
Outdoor Noise Level *dB(A) Clg/Htg*	50/50		52/52		54/54	
Current *Rated (A)*: Cooling	2.9		4.2		5.1	
Heating	4.1		6.7		7.0	
Power Use *Rated (kw)*: Cooling	.56		.97		1.13	
Heating	.88		1.44		1.58	
Fan Speeds *Stage*	4+Auto		4+Auto		4+Auto	
Air Direction: *Horizontal*	Manual		Manual		Manual	
Vertical	Auto		Auto		Auto	
Air Filter	Washable		Washable		Washable	
Apple Catechin Filter	Yes		Yes		Yes	
Ion Deoderizing Filter	Yes		Yes		Yes	
Connection Method	Flare		Flare		Flare	
Combined Min. Lgth *Ft (m)*	10 (3)		10 (3)		10 (3)	
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff. *Ft (m)*	49 (15)		49 (15)		49 (15)	
Conn. Pipe Diameter *Inch*	Suc. 3/8	Dis. 1/4	Suc. 3/8	Dis. 1/4	Suc. 1/2	Dis. 1/4
Net Weight *lbs. (kg)*	31 (14)	84 (38)	31 (14)	84 (38)	31 (14)	86 (39)
Dimensions: Height *Inch*	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16
mm	600	620	600	620	600	620
Width *Inch*	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8
mm	740	790	740	790	740	790
Depth *Inch*	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16
mm	200	290	200	290	200	290
Refrigerant	R410A		R410A		R410A	
	Indoor AGU9RLF	Outdoor AOU9RLFF	Indoor AGU12RLF	Outdoor AOU12RLFF	Indoor AGU15RLF	Outdoor AOU15RLFF

Note: Figures are based on 230 Volts.

INVERTER | 7 Year Compressor 5 Year Parts WARRANTY | Refrigerant R410A | Most Efficient 2015 ENERGY STAR www.energystar.gov

Floor Mount Single Zone 9, 12 and 15,000 BTU Systems

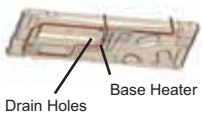
SYSTEMS 9RLFFH, 12RLFFH, 15RLFFH

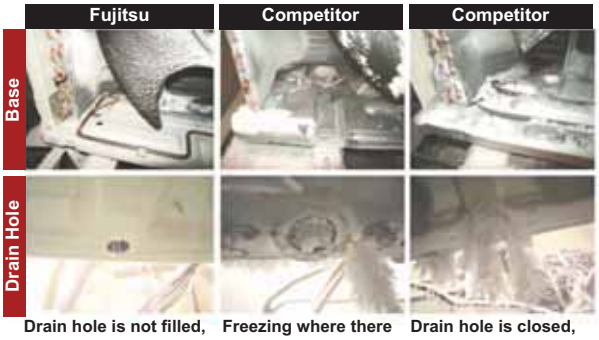
Halcyon XLTH Extra Low Temperature Heating

Up to 26 SEER

Base Pan Heater *RLFFH Models Only*

- Equipped with a base heater that prevents condensate from freezing
- Cultivated base design discharges melted water through many holes.
- Without a heater, freezing condensate can cause noise, damage to fan blade, condenser, and system performance.



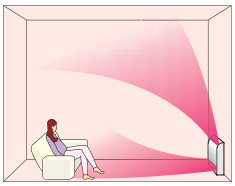


Drain hole is not filled, no freezing of base | **Freezing where there is no heater** | **Drain hole is closed, large freezing of base**

Condition: Indoor temp. of 68°FDB / outdoor temp. of 5°FDB, Heating mode, High airflow volume. Operation for 24 hours.

2-Fan and Wide Airflow

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in "Upward Airflow Only" when occupants wish not to have feet warmed or cooled.



Applications

Extra Low Temperature Heating Down to -15°F

	9RLFFH Heat Pump		12RLFFH Heat Pump		15RLFFH Heat Pump	
Nominal Cooling *BTU/h*	9,000		12,000		14,200	
Min.~Max. Cooling *BTU/h*	3,100~13,000		3,100~14,300		3,100~17,700	
Nominal Heating *BTU/h*	12,000		16,000		18,000	
Min.~Max. Heating *BTU/h*	3,100~18,800		3,100~19,500		3,100~20,800	
HSPF *BTU/hW*	12.4		11.3		11.0	
SEER *BTU/hW*	26.0		22.7		20.3	
EER *Clg/Htg*	16.0/13.6		13.1/11.1		12.5/11.3	
Clg. Operating Range °F(°C)	14~115 (-10~46)		14~115 (-10~46)		14~115 (-10~46)	
Htg. Operating Range °F(°C)	-15~75 (-26~24)		-15~75 (-26~24)		-15~75 (-26~24)	
Moisture Removal *Pt./h(l/h)*	2.75 (1.3)		3.8 (1.8)		4.44 (2.1)	
Voltage/Frequency/Phase	208-230/60/1		208-230/60/1		208-230/60/1	
MAX.CRT.BKR *(A)*	15		15		20	
Air Circ. *C.F.M. (m³/h)*: Hi	335 (570)		335 (570)		383 (650)	
Medium	271 (460)		271 (460)		306 (520)	
Low	212 (360)		212 (360)		235 (400)	
Quiet	159 (270)		159 (270)		159 (270)	
Noise Level *dB(A)Clg/Htg*: Hi	40/40		40/40		44/43	
Medium	35/35		35/35		38/37	
Low	29/29		29/29		31/29	
Quiet	23/23		23/23		23/23	
Outdoor Fan Speed *RPM Clg/Htg*	870/870		1,050/870		1,050/1,000	
Outdoor Noise Level *dB(A) Clg/Htg*	50/50		52/52		54/54	
Current *Rated (A)*: Cooling	2.9		4.2		5.1	
Heating	4.1		6.7		7.0	
Power Use *Rated (kw)*: Cooling	.56		.97		1.13	
Heating	.88		1.44		1.58	
Fan Speeds *Stage*	4+Auto		4+Auto		4+Auto	
Air Direction: *Horizontal*	Manual		Manual		Manual	
Vertical	Auto		Auto		Auto	
Air Filter	Washable		Washable		Washable	
Apple Catechin Filter	Yes		Yes		Yes	
Ion Deoderizing Filter	Yes		Yes		Yes	
Connection Method	Flare		Flare		Flare	
Combined Min. Lgth *Ft (m)*	10 (3)		10 (3)		10 (3)	
Combined Max. Lgth *Ft (m)*	66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')		66 (20) (pre-charge: 49')	
Max. Vertical Diff. *Ft (m)*	49 (15)		49 (15)		49 (15)	
Conn. Pipe Diameter *Inch*	Suc. 3/8	Dis. 1/4	Suc. 3/8	Dis. 1/4	Suc. 1/2	Dis. 1/4
Net Weight *lbs. (kg)*	31 (14)	86 (39)	31 (14)	86 (39)	31 (14)	88 (40)
Dimensions: Height *Inch*	23-5/8	24-7/16	23-5/8	24-7/16	23-5/8	24-7/16
mm	600	620	600	620	600	620
Width *Inch*	29-1/8	31-1/8	29-1/8	31-1/8	29-1/8	31-1/8
mm	740	790	740	790	740	790
Depth *Inch*	7-7/8	11-7/16	7-7/8	11-7/16	7-7/8	11-7/16
mm	200	290	200	290	200	290
Refrigerant	R410A		R410A		R410A	
	Indoor AGU9RLF	Outdoor AOU9RLFFH	Indoor AGU12RLF	Outdoor AOU12RLFFH	Indoor AGU15RLF	Outdoor AOU15RLFFH

Note: Figures are based on 230 Volts.

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Slim Duct Single Zone 9, 12 and 18,000 BTU Systems

SYSTEMS 9RLFCD, 12RLFCD, 18RLFCD

Halcyon HFI Hybrid Flex Inverter

Up to 21.5 SEER

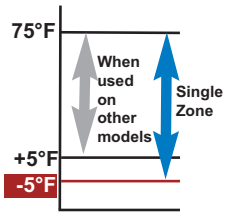
Function

Most Efficient 2015 ENERGY STAR www.energystar.gov

Slim ducts provide comfort cooling or heating for small room applications. Features include high efficiency up to 21.5 SEER, heating at low temperatures down to -5°F, compact design, quiet operation, a standard wired remote control, and the ability to bring in fresh air.

High Performance Heating

Heating capacity at low outdoor temperatures is achieved by adopting a large heat exchanger and a high capacity compressor. Systems operate down to -5°F.



Standard Features

- Wired Remote Control
- Weekly Timer
- Dry Mode
- Auto Mode
- Economy Mode
- Minimum Heat*Auto
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Cold Prevention
- Daisy Chain
- Built-In Condensate Pump
- 3rd Party Device Control^

*Available only with optional wireless remote controller.
^Operation monitoring and On/Off control only.

Applications

Long maximum combined piping length of 66' and 49' in height allow for versatile installations. Flexible installation, either horizontal or vertical, and low height enables compact soffit or cabinet installation. These features make slim duct systems ideal for commercial applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction.

Multi-Tenant Dwellings

Hotels / Motels

Dorms

Optional Accessories

- Backlit Wired Remote Control UTY-RVNUM *Displays room temp.*
- Wireless Remote and Receiver Unit UTY-LRHUM

UTY-RVNUM

System Components

System 9RLFCD
- ARU9RLF (Indoor)
- AOU9RLFC (Outdoor)

System 12RLFCD
- ARU12RLF (Indoor)
- AOU12RLFC (Outdoor)

System 18RLFCD
- ARU18RLF (Indoor)
- AOU18RLFC (Outdoor)

Field Supplied Filters Used With Slim Duct Units

Although Slim Duct units come with factory filters, when return ductwork is used field supplied filters are more practical to use. They can be installed at the unit or for more convenient servicing, in filter grilles. See the guidelines to the right to determine filter sizes.

The chart includes CFM, external static pressure capability and a typical filter size for each model. Filters are sized to keep velocities and static pressure loss low. This will ensure sufficient static pressure is available for ductwork, fittings and supply and return grilles.

Alternative filter sizes with equivalent face areas can be used. After deducting filter loss, available static pressure values are shown.

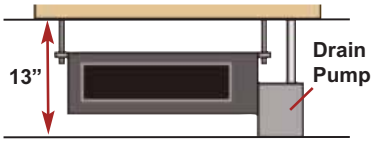
A fiberglass filter is shown in blue to the left. A MERV pleated filter is shown in white.

	ARU 9RLF	ARU 12RLF	ARU 18RLF
CFM	353	383	547
Typical Filter Size	12 x 20	12 x 20	14 x 25
Velocity, FPM	212	230	228
Unit External SP, in. W.C.	0.36	0.36	0.36
1" Fiberglass Filter			
SP Loss, in. W.C.	0.04	0.05	0.04
Available Static Pressure	0.32	0.31	0.32
1" MERV 8 Pleated Filter			
SP Loss, in. W.C.	0.12	0.14	0.14
Available Static Pressure	0.24	0.22	0.22
2" MERV 8 Pleated Filter			
SP Loss, in. W.C.	0.07	0.08	0.08
Available Static Pressure	0.29	0.28	0.28

Slim Duct

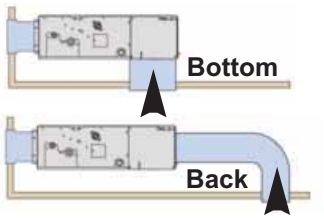
Built-in drain pump allows for installation of slim duct unit in smaller spaces than traditional units.

Traditional



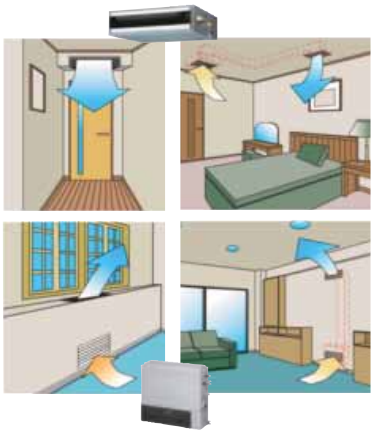
Compact Duct

Return Air-intake Choices



Flexible Installation

Horizontal or vertical.



*Internal drain pump will not operate when the unit is mounted in a vertical configuration.

	9RLFCD Heat Pump	12RLFCD Heat Pump	18RLFCD Heat Pump
Nominal Cooling *BTU/h*	9,000	12,000	18,000
Min~Max Cooling *BTU/h*	3,100~12,000	3,100~13,600	3,100~20,100
Nominal Heating *BTU/h*	12,000	16,000	21,600
Min~Max Heating *BTU/h*	3,100~18,000	3,100~19,400	3,100~25,600
HSPF	12.2	11.5	11.3
SEER	21.5	20.0	19.7
EER *Clg/Htg*	14.5/14.1	12.8/12.3	12.0/12.9
Cooling Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range °F(°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)
Moisture Removal *Pt./h(l/h)*	1.5 (.07)	2.7 (1.3)	4.2 (2.0)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR *(A)*	15	15	20
Static Pressure *In. W. C.*	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36
Air Circ. *C.F.M. (m^3/h) Clg/Htg*: Hi	353 (600)	383 (650)	554 (940)
Medium	324 (550)	353 (600)	518 (880)
Low	294 (500)	324 (550)	483 (820)
Quiet	265 (450)	283 (480)	442 (750)
Noise Level *dB(A)* (Clg/Htg): Hi	28/28	29/29	32/32
Medium	27/26	28/28	30/30
Low	26/25	27/27	29/29
Quiet	25/24	26/24	27/27
Outdoor Fan Speed *RPM Clg/Htg*	590/720	870/780	870/1,000
Outdoor Noise Level *Clg/Htg*	48/49	49/50	54/55
Running Current *Rated (A)Clg/Htg*	3.0/3.9	4.4/6.0	6.6/7.3
Power Use *Rated/Max (kW)*: Cooling	0.62/1.40	0.94/1.45	1.50/2.15
Heating	0.85/1.80	1.30/2.00	1.67/2.60
Fan Speeds *Stage*	4 + Auto	4 + Auto	4 + Auto
Air Filter	Washable	Washable	Washable
Connection Method	Flare	Flare	Flare
Combined Min. Length *Ft (m)*	10 (3)	10 (3)	10 (3)
Combined Max. Length *Ft (m)*	66 (20) (pre-charge: 49’)	66 (20) (pre-charge: 49’)	66 (20) (pre-charge: 49’)
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	49 (15)
Conn. Pipe Diameter *Inch*	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4
Indoor Unit Net Weight *lbs. (kg)*	41 (19)	41 (19)	50 (23)
Outdoor Unit Net Weight *lbs. (kg)*	84 (38)	84 (38)	86 (39)
Indoor Unit Dimensions: Height *Inch (mm)*	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)
Width *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	35-7/16 (900)
Depth *Inch (mm)*	24-13/32 (620)	24-13/32 (620)	24-13/32 (620)
Supply Duct Flange Dimensions: Height *Inch (mm)*	5-15/16 (151)	5-15/16 (151)	5-15/16 (151)
Width *Inch (mm)*	25-19/32 (650)	25-19/32 (650)	33-15/32 (850)
Depth *Inch (mm)*	3/4 (19)	3/4 (19)	3/4 (19)
Return Duct Dimensions: Height *Inch (mm)*	6 (152)	6 (152)	6 (152)
Width *Inch (mm)*	22 (559)	22 (559)	30 (762)
Depth *Inch (mm)*	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)
Outdoor Unit Dimensions: Height *Inch (mm)*	24-1/2 (620)	24-1/2 (620)	24-1/2 (620)
Width *Inch (mm)*	31-3/32 (790)	31-3/32 (790)	31-3/32 (790)
Depth *Inch (mm)*	11-11/32 (290)	11-11/32 (290)	11-11/32 (290)
Refrigerant	R410A	R410A	R410A

INVERTER

7 Year Compressor 5 Year Parts WARRANTY

Refrigerant R410A

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Systems 9RLFCD, 12RLFCD

Note: Figures are based on 230 Volts.

Compact Cassette Single Zone 9, 12 and 18,000 BTU

SYSTEMS 9RLFCC, 12RLFCC, 18RLFCC

Halcyon HFI Hybrid Flex Inverter

Up to 24.0 SEER

Function

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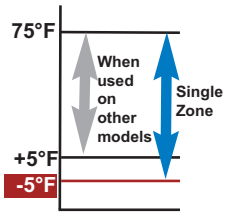
Compact cassettes provide comfort cooling or heating for small room applications. Features include high efficiency up to 24.0 SEER, heating at low temperatures down to -5°F, compact design, quiet operation, a standard wired remote control, and the ability to bring in fresh air through the optional Fresh Air Kit.

High Performance Heating

Heating capacity at low outdoor temperatures is achieved by adopting a large heat exchanger and a high capacity compressor. Systems operate down to -5°F.



Standard Features

- Wired Remote Control
- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Minimum Heat*
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Low Ambient Cooling
- Cold Prevention
- Daisy Chain
- High Ceiling Mode
- Condensate Pump
- Fresh Air Intake**
- 3rd Party Device Control^

Fresh Air Kit**
UTZ-VXAA
Mixes room air then passes through the heat exchanger.

Optional Accessories

- Backlit Wired Remote Control UTY-RVNUM *Displays room temp.*
- Wireless remote UTY-LNHUM

UTY-RVNUM

Applications

Long maximum combined piping length of 66' and 49' in height allow for versatile installations. 4-way airflow, concealed flush mount design and the ability to operate in limited space above the drop ceiling, makes these systems ideal for commercial applications such as offices, restaurants, convenience stores, motels, dorms, in retrofit and new construction.

Multi-Tenant Dwellings

Hotels / Motels

Dorms

System Components

System 9RLFCC	System 12RLFCC	System 18RLFCC
• AUU9RLF (Indoor)	• AUU12RLF (Indoor)	• AUU18RLF (Indoor)
• AOU9RLFC (Outdoor)	• AOU12RLFC (Outdoor)	• AOU18RLFC (Outdoor)

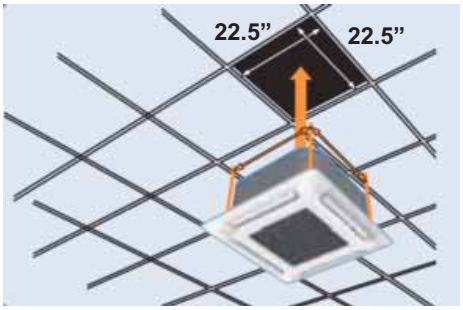
* Available only with optional wireless remote control.

**Requires Fujitsu's Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4" to the height of the indoor unit.

^ Operation monitoring and On/Off control only.

Easy Installation

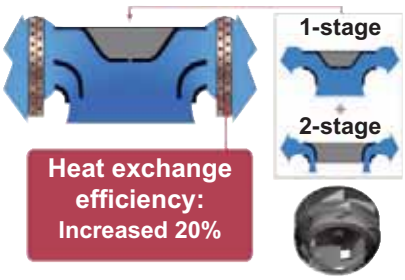
Fits into a standard ceiling tile*.



*Dimensions of outer grille are 27-9/16” x 27-9/16” and may overlap adjacent tiles.

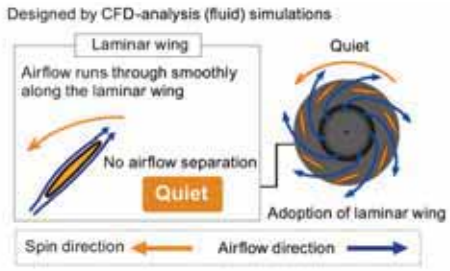
2-Stage Turbo Fan

Air distribution is evenly spread across the heat exchanger by the 2 stage turbo fan which produces two separate airflow streams.



Quiet Operation

Optimization of wing form (laminar wing design) and number of wings (7 blades) enables as low as 27 dB.



	9RLFCC Heat Pump	12RLFCC Heat Pump	18RLFCC Heat Pump
Nominal Cooling *BTU/h*	9,000	12,000	18,000
Min~Max Cooling *BTU/h*	3,100~12,000	3,100~13,600	3,100~20,100
Nominal Heating *BTU/h*	12,000	16,000	21,600
Min~Max Heating *BTU/h*	3,100~18,000	3,100~19,400	3,100~25,600
HSPF	13.0	12.2	11.5
SEER	24.0	21.9	20.1
EER *Clg/Htg*	14.5/13.5	12.8/11.1	11.2/12.3
Cooling Operating Range °F(°C)	14~115 (-10~46)	14~115 (-10~46)	14~115 (-10~46)
Heating Operating Range °F(°C)	-5~75 (-21~24)	-5~75 (-21~24)	-5~75 (-21~24)
Moisture Removal *Pt./h(l/h)*	1.3 (.06)	2.5 (1.2)	4.6 (2.2)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR *(A)*	15	15	20
Air Circ. *C.F.M. (m^3/h)*: Hi	318 (540) Clg or Htg	359 (610) Clg or Htg	400 (680) Clg 471 (800) Htg
Medium	288 (490) Clg or Htg	312 (530) Clg or Htg	341 (580) Clg 400 (680) Htg
Low	259 (440) Clg or Htg	277 (470) Clg or Htg	288 (490) Clg 341 (580) Htg
Quiet	230 (390) Clg or Htg	241 (410) Clg or Htg	241 (410) Clg 265 (450) Htg
Noise Level *dB(A) Clg/Htg*: Hi	33/34	37/37	40/44
Medium	32/32	33/33	36/40
Low	29/29	31/31	32/36
Quiet	28/27	28/28	28/30
Outdoor Fan Speed *RPM Clg/Htg*	590/720	870/780	1,050/1,000
Outdoor Noise Level *Clg/Htg*	48/49	49/50	54/55
Running Current *Rated (A)*: Cooling	3.0	4.4	7.1
Heating	4.1	6.7	7.7
Power Use *Rated/Max (kW)*: Clg	0.62/1.40	0.94/1.45	1.61/2.15
Heating	0.89/1.80	1.44/2.00	1.76/2.60
Fan Speeds *Stage*	4+auto	4+auto	4+auto
Air Direction: Vertical	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable
Front Grille	UTG-CCGF*	UTG-CCGF*	UTG-CCGF*
Connection Method	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4
Combined Min. Length *Ft (m)*	10 (3)	10 (3)	10 (3)
Combined Max. Length *Ft (m)*	66 (20) (pre-charge: 49’)	66 (20) (pre-charge: 49’)	66 (20) (pre-charge: 49’)
Max. Vertical Diff. *Ft (m)*	49 (15)	49 (15)	49 (15)
Indoor Unit Net Weight *lbs. (kg)*	33 (15)	33 (15)	33 (15)
Outdoor Unit Net Weight *lbs. (kg)*	84 (38)	84 (38)	86 (39)
Indoor Unit Dim: Height *Inch (mm)*	9-11/16 (245)	9-11/16 (245)	9-11/16 (245)
Width *Inch (mm)*	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Depth *Inch (mm)*	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Grille Dim: Height *Inch (mm)*	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)
Width *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Depth *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Outdoor Unit Dim: Height *Inch (mm)*	24-1/2 (620)	24-1/2 (620)	24-1/2 (620)
Width *Inch (mm)*	31-3/32 (790)	31-3/32 (790)	31-3/32 (790)
Depth *Inch (mm)*	11-11/32 (290)	11-11/32 (290)	11-11/32 (290)
Refrigerant	R410A	R410A	R410A

* Compact Cassette Grille UTG-CCGF sold separately. Must order one with each compact cassette.

Note: Figures are based on 230 Volts.

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Systems 9RLFCC, 12RLFCC

Ceiling Cassette Systems

SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

Halcyon

Up to 16.0 SEER

Function

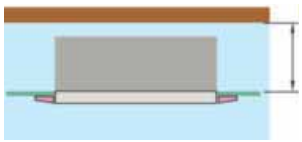
Up to 16-SEER, these models provide up to 30% increase in efficiency over 13-SEER models. These models offer the ability to send up to 38% of their capacity through two branch ducts to adjacent rooms. Slender fit feature now offered on all models decreases space required above the ceiling increasing application opportunities.

Standard Features

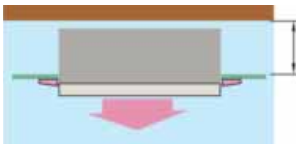
- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Mode
- Energy Saver
- Auto Restart/Reset
- Auto Changeover
- 0°F Ambient Cooling
- Long Piping Length
- Cold Prevention
- Slender Fit
- Remote Temp. Sensor
- Daisy Chain
- Pump Down Operation
- High Ceiling Mode
- Branch Duct Capable
- Built-in Condensate Pump
- Fresh Air Intake*

Standard Wired Remote

- Weekly timer
- Set on-off time twice a day
- Set different on-off time by day
- Set time in 5 minute intervals
- Control up to 16 indoor units
- Child lock capable
- Remote temperature sensor



Standard Depth	
18RCLX 24RCLX	36RCLX 42RCLX
9-3/4”	11-7/8”



Slender Fit Depth	
18RCLX 24RCLX	36RCLX 42RCLX
8-1/2”	10-1/2”

Slender Fit

Cassette body can be moved downward into the room 1-3/8” to accommodate limited ceiling space.

Applications

Four-way airflow, concealed flush mount design and the ability to operate in high ceiling rooms makes these systems ideal for commercial applications such as offices, conference rooms, restaurants, night clubs and bars in retrofit and new construction. Long maximum combined piping lengths of 165 to 230 feet with 60 to 98 feet of height, depending on model, allow the outdoor unit to be remotely located up to 7 stories away and far from indoor unit. The ceiling cassettes are also used in new construction condominiums and homes taking advantage of their branch duct capability to feed adjacent rooms. These heat pumps provide up to 30% additional available heat when compared to conventional models.

*Fresh air knockout available. Fresh air fan and ductwork field supplied. See design and technical manual for details. Fujitsu fresh air intake kit available part #KHRS940-25.

Fujitsu provides knock-outs on all ceiling cassettes where contractors can:

- Install optional field supplied branch ducts on up to two sides to supply up to 18% capacity per side to adjoining spaces up to 16 feet away. See Design and Technical Manual for details.
- Allows fresh air to be brought into the indoor unit using fresh air knockout.

	18RCLX Heat Pump	24RCLX Heat Pump	36RCLX Heat Pump	42RCLX Heat Pump
Nominal Cooling *BTU/h*	17,800	22,200	34,100	42,700
Min.~Max. Cooling *BTU/h*	5,000~21,500	5,000~27,300	8,500~36,000	13,700~45,000
Nominal Heating *BTU/h*	21,000	24,200	36,000	45,200
Low Temp. Heating 17°F *BTU/h*	11,300	14,600	23,000	28,200
Min.~Max. Heating *BTU/h*	5,000~25,600	5,000~29,000	9,200~42,700	14,300~54,600
HSPF *BTU/hW*	8.5	8.5	8.5	8.5
SEER *BTU/hW*	16.0	15.0	14.0	15.0
EER *Clg/Htg*	11.1 / 10.2	10.6 / 10.2	8.1 / 9.7	9.2 / 10.5
Clg. Operating Range °F(°C)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)
Htg. Operating Range °F(°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	0~75 (-18~24)
Moisture Removal *Pt./h(l/h)*	5.3 (2.5)	6.4 (3.0)	8.5 (4.0)	11.6 (5.5)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
MAX.CRT.BKR *(A)*	20	20	30	30
Air Circ. *C.F.M. (m^3/h)*: Hi	559 (950)	618 (1,050)	942 (1,600)	1,000 (1,700)
Medium	477 (810)	536 (910)	824 (1,400)	854 (1,450)
Low	394 (670)	436 (740)	677 (1,150)	736 (1,250)
Noise Level *dB(A)*: Hi	42/40 (Clg/Htg)	45/43 (Clg/Htg)	48/48 (Clg/Htg)	50/50 (Clg/Htg)
Medium	39/38 (Clg/Htg)	43/39 (Clg/Htg)	45/45 (Clg/Htg)	48/48 (Clg/Htg)
Low	36/36 (Clg/Htg)	38/35 (Clg/Htg)	41/41 (Clg/Htg)	44/44 (Clg/Htg)
Outdoor Fan Speed *RPM*	780/780	850/900	850/900	850/750
Outdoor Noise Level *dB(A)*	51/53 (Clg/Htg)	53/55 (Clg/Htg)	54/55 (Clg/Htg)	55/56 (Clg/Htg)
Current *Rated/Max (A)*: Cooling	7.0/12.5	9.2/12.5	18.3/18.8	20.3/21.7
Heating	8.9/12.5	10.4/12.5	16.1/18.8	18.8/21.7
Power Use *Rated/Max (kw)*: Clg	1.61/2.88	2.10/2.88	4.22/4.35	4.66/4.99
Heating	2.05/2.88	2.37/2.88	3.70/4.35	4.31/4.99
Fan Speeds *Stage*	3 + Auto	3 + Auto	3 + Auto	3 + Auto
Air Direction: *Horizontal*	-	-	-	-
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Front Grille	Removable	Removable	Removable	Removable
Connection Method	Flare	Flare	Flare	Flare
Combined Min. Lgth *Ft (m)*	16 (5)	16 (5)	16 (5)	16 (5)
Combined Max. Lgth *Ft (m)*	165 (50) Each (pre-charge: 49')	165 (50) Each (pre-charge: 49')	165 (50) Each (pre-charge: 49')	230 (70) Each (pre-charge: 66)
Max. Vertical Diff. *Ft (m)*	66 (20)	66 (20)	98 (30)	98 (30)
Conn. Pipe Diameter *Inch*	Suc. 1/2 / Dis. 1/4	Suc. 5/8 / Dis. 3/8	Suc. 5/8 / Dis. 3/8	Suc. 5/8 / Dis. 3/8
Net Weight *lbs. (kg)*	75 (34) / 141 (64)	75 (34) / 141 (64)	82 (37) / 141 (64)	88 (40) / 231 (105)
Dimensions: Height *Inch*	9-3/4 / 32-3/4	9-3/4 / 32-3/4	11-5/8 / 32-3/4	11-5/8 / 50-7/8
mm	246 / 830	246 / 830	296 / 830	296 / 1290
Width *Inch*	32-3/4 / 35-1/2	32-3/4 / 35-1/2	32-3/4 / 35-1/2	32-3/4 / 35-1/2
mm	830 / 900	830 / 900	830 / 900	830 / 900
Depth *Inch*	32-3/4 / 13	32-3/4 / 13	32-3/4 / 13	32-3/4 / 13
mm	830 / 330	830 / 330	830 / 330	830 / 330
Refrigerant	R410A	R410A	R410A	R410A
	Indoor AUU18RCLX / Outdoor AOU18RLX	Indoor AUU24RCLX / Outdoor AOU24RLX	Indoor AUU36RCLX / Outdoor AOU36RLX	Indoor AUU42RCLX / Outdoor AOU42RLX

Note: Figures are based on 230 Volts.

MULTI ZONE MINI-SPLIT SYSTEMS

- Operate as few as one indoor unit or all indoor units
- Choose from 4 indoor unit styles - wall mount, slim duct, compact cassette, and floor mount
- Four combinations are ENERGY STAR® qualified
- Create over 56,000 combinations based on indoor type and BTU

multi
18, 24, 36,000 BTUs

- Connect 2 to 4 indoor units, depending on model
- Connect 14,000 to 39,000 BTU
- No branch boxes or separation tubes required

XLTH
18, 24,000 BTUs

- Connect 2 to 3 indoor units, depending on model
- Connect 14,000 to 27,000 BTU
- e**X**tra **L**ow **T**emp **H**eating down to -15°F outdoor temps
- No branch boxes or separation tubes required

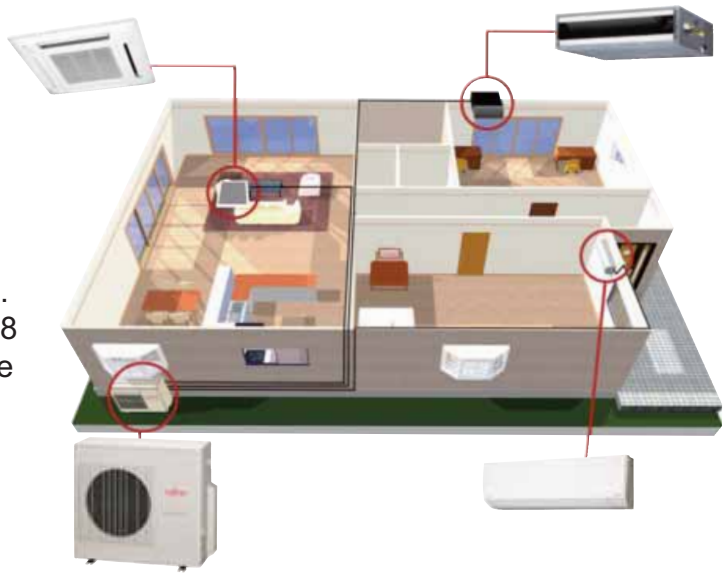
flex
48,000 BTUs

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and separation tubes required

Year-Round, Whole Home or Business Comfort

Halcyon Systems are some of today's most advanced forms of heating and air conditioning. Multi-zone outdoor units can operate from 2 to 8 indoor units simultaneously. Fujitsu systems are super quiet as well as highly energy efficient.

Shown to the right is outdoor model AOU36RLXFZ1 connected to a compact cassette, slim duct and wall mount indoor units.



Multi-Zone and XLTH Series Systems 18, 24 and 36,000 BTU/h

AOU18RLXFZ, AOU18RLXFZH, AOU24RLXFZ, AOU24RLXFZH, AOU36RLXFZ1

Connectable Capacity

This function allows you to connect indoor units that can exceed outdoor unit capacity. However, if you connect indoor units that exceed 100% of the outdoor unit's capacity there are limitations.

If all indoor units are cooling or heating at the same time, the system will limit their capacity so that their total matches the outdoor unit's capacity. When a zone meets a desired set temperature it requires less capacity. The unused capacity is then distributed to the remaining indoor units, increasing their capacity.

For Example

The load on a 3-bedroom home with a living room and kitchen downstairs and 3 bedrooms upstairs is 39,000 BTUs (21,000 BTU downstairs and 18,000 BTU upstairs). However the family isn't upstairs and downstairs at the same time, therefore not all units will be running simultaneously allowing 100% heating or cooling to occupied spaces. This can be achieved by our AOU36RLXFZ1 outdoor unit.

HFI Series System 48,000 BTU/h

AOU48RLXFZ1

130% Connectable Capacity

The HFI system is rated at 48,000 BTUs but you can connect up to 130%, or 62,000 BTUs of rated indoor unit capacity to the AOU48RLXFZ1. Connectable capacity allows you to connect indoor units that can exceed outdoor unit capacity. However, if you connect indoor units that exceed 100% of the outdoor unit's capacity there are limitations.

If all indoor units are cooling or heating at the same time, the system will limit their capacity so that their total matches the outdoor unit's capacity. When a zone meets a desired set temperature it requires less capacity. The unused capacity is then distributed to the remaining indoor units, increasing their capacity.

For Example

The load on a small 2-story office building with a business downstairs and worker apartments upstairs is 62,000 BTUs (38,000 BTUs downstairs and 24,000 BTUs upstairs) but the workers aren't upstairs and downstairs at the same time, therefore not all units will be running simultaneously allowing 100% heating or cooling to occupied spaces.

Mix and Match Flexibility

AOU18RLXFZ

AOU18RLXFZH

AOU24RLXFZ

AOU24RLXFZH

AOU36RLXFZ1

AOU48RLXFZ1

The ability to create the right combinations, the right quantity (up to 8-zones), the right style indoor units, and the right capacity.

It's the RIGHT choice for your home or business.

Wall Mounts

ASU7, 9, 12RLF1

ASU9, 12RLS2*

ASU15RLS2*

** ASU9, 12, 15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1.*

ASU18RLF

ASU24RLF

Slim Ducts

ARU7, 9, 12RLF

ARU18RLF

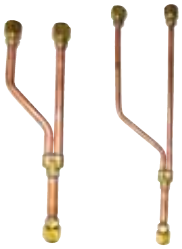
ARU24RLF

Floor Mounts

AGU9, 12RLF

AGU15RLF

Separation Tubes, Branch Boxes


UTP-SX248A

UTP-PU03A, UTP-PU03B

Compact Cassettes

AUU7, 9, 12RLF

AUU18RLF

Individual Zoning: Personalized Whole Home Comfort

Wall Mounted

They mount high on a wall, out of sight and do not require ductwork, increasing energy efficiency.

- Quiet operation
- Easy maintenance
- High delivered efficiency means lower utility bills

Slim Duct

Mounted in a ceiling or in a framed enclosure below a ceiling. They use minimal ductwork and remain very energy efficient.

- Concealed and out of sight
- Look of central air with the efficiency of a mini-split
- Less ducts = higher efficiency

Compact Cassette

Cassettes are extremely discreet, with only the grille showing in the ceiling. They use the latest fan technology to distribute the conditioned air evenly.

- Wired remote control (wireless is optional)
- Powerful turbo fan operation
- Fits into a standard 2’ x 2’ ceiling grid

Floor Mounted

Floor mount systems are ideal for residential radiator replacements or any room with limited upper wall space, like a kitchen or sunroom.

- Compact size fits easily under a standard window
- Features twin airflow for improved heat delivery
- Designer wireless remote control

Wall Mounted 7, 9, 12, 18 and 24,000 BTUs

ASU7RLF1, ASU9RLF1, ASU9RLS2, ASU12RLF1, ASU12RLS2, ASU15RLS2, ASU18RLF, ASU24RLF

Halcyon HFI Hybrid Flex Inverter

ASU7, 9, 12RLF1

ASU18, 24RLF

ASU9, 12, 15RLS2+

						Designer Series+		
	ASU7RLF1 Heat Pump	ASU9RLF1 Heat Pump	ASU12RLF1 Heat Pump	ASU18RLF Heat Pump	ASU24RLF Heat Pump	ASU9RLS2 Heat Pump*+	ASU12RLS2 Heat Pump*+	ASU15RLS2 Heat Pump*+
Nominal Cooling *BTU/h*	7,000	9,000	12,000	18,000	24,000	9,000	12,000	14,000
Nominal Heating *BTU/h*	8,100	10,200	13,500	20,000	27,000	10,200	13,500	16,300
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Air Circ. *C.F.M. (m³/h)*: Hi	Clg 330 (560) Htg 330 (560)	Clg 353 (600) Htg 353 (600)	Clg 388 (660) Htg 388 (660)	Clg 542 (920) Htg 542 (920)	Clg 659 (1,120) Htg 647 (1,100)	Clg 353 (600) Htg 353 (600)	Clg 388 (660) Htg 388 (660)	Clg 418 (710) Htg 418 (710)
Medium	Clg 294 (500) Htg 294 (500)	Clg 306 (520) Htg 306 (520)	Clg 330 (560) Htg 330 (560)	Clg 436 (740) Htg 436 (740)	Clg 530 (900) Htg 530 (900)	Clg 324 (550) Htg 324 (550)	Clg 353 (600) Htg 353 (600)	Clg 377 (640) Htg 377 (640)
Low	Clg 253 (430) Htg 253 (430)	Clg 253 (430) Htg 253 (430)	Clg 265 (450) Htg 277 (470)	Clg 365 (620) Htg 365 (620)	Clg 436 (740) Htg 436 (740)	Clg 277 (470) Htg 277 (470)	Clg 312 (530) Htg 312 (530)	Clg 336 (570) Htg 347 (590)
Quiet	Clg 182 (310) Htg 194 (330)	Clg 182 (310) Htg 194 (330)	Clg 182 (310) Htg 194 (330)	Clg 324 (550) Htg 324 (550)	Clg 365 (620) Htg 365 (620)	Clg 194 (330) Htg 194 (330)	Clg 194 (330) Htg 194 (330)	Clg 230 (390) Htg 253 (430)
Noise Level *dB(A)* (Clg/Htg): Hi	36/36	37/37	40/40	43/44	49/48	36/36	37/37	41/41
Medium	32/32	33/33	36/36	37/37	42/42	32/32	34/34	36/36
Low	29/29	29/29	30/31	33/33	37/37	28/28	31/31	33/34
Quiet	21/22	21/22	21/22	31/31	33/33	21/21	21/21	25/27
Running Current *Rated (A)*: Cooling	0.13	0.15	0.19	0.32	0.53	0.14	0.17	0.20
Heating	0.13	0.15	0.19	0.32	0.53	0.14	0.17	0.20
Power Use *Rated (w)*: Clg	15	17	22	41	69	16	19	23
Htg	15	17	22	41	69	16	19	23
Fan Speeds Stage	4+auto	4+auto	4+auto	4+auto	4+auto	4+auto	4+auto	4+auto
Air Direction: Horizontal	Manual	Manual	Manual	Auto	Auto	Manual	Manual	Manual
Vertical	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Primary Air Filter	Washable	Washable	Washable	Washable	Washable	Washable	Washable	Washable
Ion Deodorizing Filter	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Apple-Catechin Filter	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable	Disposable
Connection Method	Flare	Flare	Flare	Flare	Flare	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4	suc 5/8 dis 1/4	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4
Net Weight *lbs. (kg)*	19 (8.5)	19 (8.5)	19 (8.5)	31 (14)	31 (14)	21 (9.5)	21 (9.5)	21 (9.5)
Dims: Height *Inch (mm)*	10-1/2 (268)	10-1/2 (268)	10-1/2 (268)	12-5/8 (320)	12-5/8 (320)	11-1/8 (282) 13-1/4^ (337^)	11-1/8 (282) 13-1/4^ (337^)	11-1/8 (282) 13-1/4^ (337^)
Width *Inch (mm)*	33-1/16 (840)	33-1/16 (840)	33-1/16 (840)	39-1/4 (998)	39-1/4 (998)	34-1/4 (870)	34-1/4 (870)	34-1/4 (870)
Depth *Inch (mm)*	8 (203)	8 (203)	8 (203)	9 (228)	9 (228)	7-1/4 (185)	7-1/4 (185)	7-1/4 (185)
Refrigerant	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A

* ESP feature not compatible in multi-zone configurations. + ASU9,12,15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1. ^Height when front panel is open.

Standard Features

- Wireless Remote Control*
- Apple Catechin Filter
- Ion Deodorizing Filter
- Sleep Timer
- 24-Hour Timer
- Dry Mode
- Auto Louver: 4-Way**
- Auto Mode
- Minimum Heat Mode
- Auto Restart/Reset
- Power Diffuser**

Built In Filtration

Long-life+ Ion Deodorization Filter
The filter deodorizes by powerfully decomposing absorbed odors using the oxidizing and reducing effects of ions generated by the ultra-fine-particle ceramic.

Apple-Catechin Filter
Dust, mold spores and micro-organisms are absorbed onto the filter by static electricity and growth is inhibited and deactivated.

\+ The filter can be used for approximately 3 years if it is washed with water when dirty to restore it's surface action.

* Features vary by model and therefore standard wireless remote controls should be used with the models they are associated with.
** Feature of models ASU18, 24RLF only.

Slim Duct 7, 9, 12, 18 and 24,000 BTUs

ARU7RLF, 9RLF, ARU12RLF, ARU18RLF, ARU24RLF

Halcyon HFI Hybrid Flex Inverter

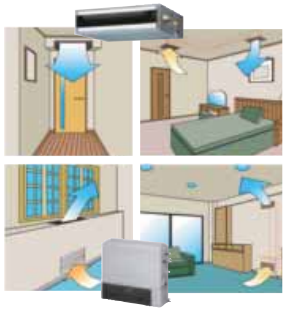
ARU7, 9, 12RLF

ARU18RLF

ARU24RLF

Flexible Installation

Horizontal or vertical*.



*Internal drain pump will not operate when the unit is mounted in a vertical configuration.

Slim Duct

Adaptable when ceiling cavity is small and there is no slope for drain.

Traditional

Slim Duct

	ARU7RLF Heat Pump	ARU9RLF Heat Pump	ARU12RLF Heat Pump	ARU18RLF Heat Pump	ARU24RLF Heat Pump
Nominal Cooling *BTU/h*	7,000	9,000	12,000	18,000	24,000
Nominal Heating *BTU/h*	8,100	10,200	13,500	20,000	27,000
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Static Pressure *In. W. C.*	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.36	0 ~ 0.20
Air Circ. *C.F.M. (m^3/h) Clg/Htg*: Hi	323 (550)	353 (600)	383 (650)	554 (940)	783 (1,330)
Medium	288 (490)	324 (550)	353 (600)	518 (880)	730 (1,240)
Low	276 (470)	294 (500)	324 (550)	483 (820)	648 (1,100)
Quiet	259 (440)	265 (450)	283 (480)	442 (750)	607 (1,030)
Noise Level *dB(A)* (Clg/Htg): Hi	28/28	28/28	29/29	32/33	33/35
Medium	26/26	27/26	28/28	31/32	32/34
Low	25/25	26/25	27/27	30/31	30/32
Quiet	24/24	25/24	26/24	29/29	29/29
Running Current *Rated (A)*: Cooling	0.30	0.30	0.35	0.44	0.66
Heating	0.30	0.30	0.35	0.44	0.66
Power Use *Rated (W)*: Cooling	33	49	58	73	111
Heating	33	49	58	73	111
Fan Speeds *Stage*	4 + Auto	4 + Auto	4 + Auto	4 + Auto	4 + Auto
Air Filter	Washable	Washable	Washable	Washable	Washable
Connection Method	Flare	Flare	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4	suc 5/8 dis 1/4
Net Weight *lbs. (kg)*	37 (17)	41 (19)	41 (19)	50 (23)	59 (27)
Dimensions: Height *Inch (mm)*	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)	7-25/32 (198)
Width *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)	35-7/16 (900)	43-5/16 (1,100)
Depth *Inch (mm)*	24-13/32 (620)	24-13/32 (620)	24-13/32 (620)	24-13/32 (620)	24-13/32 (620)
Supply Duct Flange Dimensions: Height *Inch (mm)*	5-15/16 (151)	5-15/16 (151)	5-15/16 (151)	5-15/16 (151)	5-15/16 (151)
Width *Inch (mm)*	25-19/32 (650)	25-19/32 (650)	25-19/32 (650)	33-15/32 (850)	41-11/32 (1,050)
Depth *Inch (mm)*	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
Return Duct Dimensions: Height *Inch (mm)*	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)
Width *Inch (mm)*	22 (559)	22 (559)	22 (559)	30 (762)	37-3/4 (959)
Depth *Inch (mm)*	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)	3/4 (19) (Flat)
Refrigerant	R410A	R410A	R410A	R410A	R410A

Standard Features

- Dry Mode
- Weekly Timer
- Sleep Timer*
- 24-Hour Timer*
- Minimum Heat Mode*
- Auto Mode
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Condensate Pump
- Fresh Air Intake

*Available only with optional wireless remote control.

Field Supplied Filters

Filters are sized to keep velocities and static pressure loss low. This will insure sufficient static pressure is available for ductwork, fittings and supply and return grilles. Alternative filter sizes with equivalent face areas can be used.

	ARU 7RLF	ARU 9RLF	ARU 12RLF	ARU 18RLF	ARU 24RLF
CFM	323	353	383	554	785
Typical Filter Size	12 x 20	12 x 20	12 x 20	14 x 25	18 x 30
Velocity, FPM	194	212	230	228	209
Unit External SP, in. W.C.	0.36	0.36	0.36	0.36	0.20
1" Fiberglass Filter					
SP Loss, in. W.C.	0.04	0.04	0.05	0.04	0.04
Available Static Pressure	0.32	0.32	0.31	0.32	0.16
1" MERV 8 Pleated Filter					
SP Loss, in. W.C.	0.10	0.12	0.14	0.14	0.12
Available Static Pressure	0.26	0.24	0.22	0.22	0.08
2" MERV 8 Pleated Filter					
SP Loss, in. W.C.	0.06	0.07	0.08	0.08	0.07
Available Static Pressure	0.30	0.29	0.28	0.28	0.13

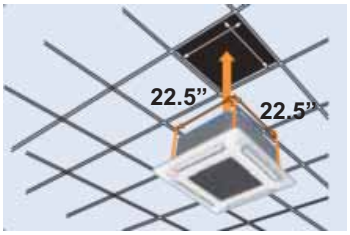
Compact Cassettes 7, 9, 12, and 18,000 BTUs

AUU9RLF, AUU12RLF, AUU18RLF

Halcyon HFI Hybrid Flex Inverter

Easy Installation

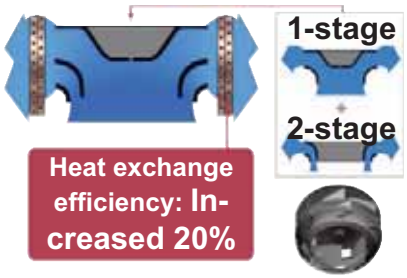
Fits into a standard ceiling tile*.



*Dimensions of outer grille are 27-9/16” x 27-9/16” and may overlap adjacent tiles.

2-Stage Turbo Fan

Air distribution is evenly spread across the heat exchanger by the new 2 stage turbo fan which produces two separate airflow streams.

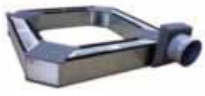


Standard Features

- Sleep Timer
- Dry Mode
- Auto Louver: Up/ Down
- Quiet Mode
- Auto Restart/Reset
- Auto Changeover
- Remote Temperature Sensor
- High Ceiling Mode
- Condensate Pump
- 2-Stage Turbo Fan
- Minimum Heat Mode+
- Fresh Air Intake**

	AUU7RLF Heat Pump	AUU9RLF Heat Pump	AUU12RLF Heat Pump	AUU18RLF Heat Pump
Nominal Cooling *BTU/h*	7,000	9,000	12,000	18,000
Nominal Heating *BTU/h*	8,100	10,200	13,500	20,000
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Air Circ. *C.F.M. (m³/h)*: Hi	318 (540) Clg or Htg	318 (540) Clg or Htg	359 (610) Clg or Htg	441 (750) Clg 471 (800) Htg
Medium	288 (490) Clg or Htg	288 (490) Clg or Htg	312 (530) Clg or Htg	359 (610) Clg 418 (710) Htg
Low	259 (440) Clg or Htg	259 (440) Clg or Htg	277 (470) Clg or Htg	306 (520) Clg 353 (600) Htg
Quiet	230 (390) Clg or Htg	230 (390) Clg or Htg	241 (410) Clg or Htg	241 (410) Clg 265 (450) Htg
Noise Level *dB(A) Clg/Htg*: Hi	33/34	33/34	37/37	42/44
Medium	31/32	31/32	33/33	37/40
Low	29/29	29/29	31/31	33/37
Quiet	27/27	27/27	28/28	29/30
Running Current *Rated (A)*: Cooling	0.15	0.15	0.19	0.30
Heating	0.15	0.15	0.19	0.30
Power Use *Rated/Max (W)*: Clg	18	18	23	39
Heating	18	18	23	39
Fan Speeds *Stage*	4+auto	4+auto	4+auto	4+auto
Air Direction: Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Front Grille	UTG-CCGF*	UTG-CCGF*	UTG-CCGF*	UTG-CCGF*
Connection Method	Flare	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 3/8 dis 1/4	suc 1/2 dis 1/4
Net Weight *lbs. (kg)*	33 (15)	33 (15)	33 (15)	33 (15)
Chassis Dim: Height *Inch (mm)*	9-11/16 (245)	9-11/16 (245)	9-11/16 (245)	9-11/16 (245)
Width *Inch (mm)*	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Depth *Inch (mm)*	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)	22-7/16 (570)
Grille Dim: Height *Inch (mm)*	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)	1-15/16 (49)
Width *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Depth *Inch (mm)*	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)	27-9/16 (700)
Refrigerant	R410A	R410A	R410A	R410A

+ Available only with optional wireless remote control.
**Requires Fujitsu’s Optional Fresh Air Kit part #UTZ-VXAA. Allows for a 4-inch flex duct connection and a field supplied duct booster fan. Fresh air maximum is 10% of unit High fan CFM. See UTZ-VXAA Design and Technical Manual for fan static pressure requirements at Fresh Air Kit. Add hood, filter and duct losses for fan total static pressure requirements. Will add 4” to the height of the indoor unit.
* Compact Cassette Grille UTG-CCGF sold separately. Must order one with each compact cassette.



Fresh Air Kit
UTZ-VXAA
Mixes room air then passes through the heat exchanger.

INVERTER | 7 Year Compressor 5 Year Parts WARRANTY | Refrigerant R410A

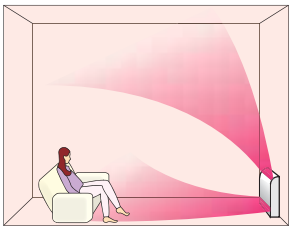
Floor Mount 9, 12, and 15,000 BTUs

AGU9RLF, AGU12RLF, AGU15RLF

Halcyon HFI
Hybrid Flex Inverter

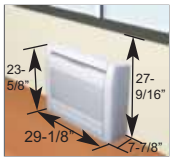
2-Fan and Wide Airflow

Having both upper and lower airflow quickly warms or cools the entire room. Floor mount can be set in “Upward Airflow Only” when occupants wish not to have feet warmed or cooled.



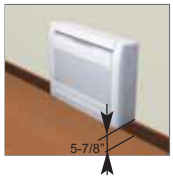
Flexible and Easy Installation

Beneath standard window

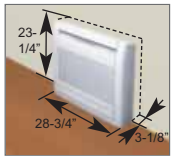


Standard concave portion

Wall



Half concealed*



*Field supplied parts required

Standard Features

- Wireless Remote Control
- Apple Catechin Filter
- Ion Deoderizing Filter
- Sleep Timer
- 24-Hour Timer
- Auto Louver: Up/Down
- Auto Mode
- Minimum Heat Mode
- Economy Mode
- Auto Restart/Reset
- Auto Changeover
- Powerful Mode

Designer wireless remote control

	AGU9RLF Heat Pump	AGU12RLF Heat Pump	AGU15RLF Heat Pump
Nominal Cooling *BTU/h*	9,000	12,000	14,200
Nominal Heating *BTU/h*	12,000	16,000	18,000
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
Air Circ. *C.F.M. (m³/h)*: Hi	312 (530)	353 (600)	383 (650)
Medium	259 (440)	288 (490)	306 (520)
Low	212 (360)	224 (380)	235 (400)
Quiet	159 (270)	159 (270)	159 (270)
Noise Level *dB(A)Clg/Htg*: Hi	39/39	42/42	44/44
Medium	34/34	36/38	38/39
Low	28/28	30/32	31/33
Quiet	22/22	22/22	22/22
Running Current *Rated (A)*: Cooling	0.15	0.18	0.20
Heating	0.15	0.18	0.20
Power Use *Rated (W)*: Cooling	16	18	23
Heating	16	18	23
Fan Speeds *Stage*	4+Auto	4+Auto	4+Auto
Air Direction: *Horizontal*	Manual	Manual	Manual
Vertical	Auto	Auto	Auto
Air Filter	Washable	Washable	Washable
Apple Catechin Filter	Yes	Yes	Yes
Ion Deoderizing Filter	Yes	Yes	Yes
Connection Method	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	Suc. 3/8 Dis. 1/4	Suc. 3/8 Dis. 1/4	Suc. 1/2 Dis. 1/4
Net Weight *lbs. (kg)*	31 (14)	31 (14)	31 (14)
Dimensions: Height *Inch*	23-5/8	23-5/8	23-5/8
mm	600	600	600
Width *Inch*	29-1/8	29-1/8	29-1/8
mm	740	740	740
Depth *Inch*	7-7/8	7-7/8	7-7/8
mm	200	200	200
Refrigerant	R410A	R410A	R410A

INVERTER

7 Year Compressor 5 Year Parts WARRANTY

Refrigerant R410A

Multi-Zone Series

AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1

Multi
18, 24, 36,000 BTUs

Contractors can select either an 18, 24 or 36,000 BTU outdoor unit combined with wall mounted, slim duct, compact cassette or floor mount type indoor units. Mix-and-match flexibility of evaporator type and capacity allows you to choose the indoor unit that best fits the application, whether it be hidden or showcased. These systems are ideal for nursing homes, doctor's offices, condominiums, apartments and residences - any place where individual cooling or heating is needed.

- Connect 2 to 4 indoor units, depending on model
- Connect 14,000 to 39,000 BTU
- Energy efficient - up to 18.0 SEER and 9.5 HSPF
- No branch boxes or separation tubes

Fujitsu Multi-Zones Make Sense

- **Why Choose an 18,000 BTU Zoned System?**
  A lower BTU dual zone is often the perfect solution to a comfort need. A consumer shouldn't have to purchase a higher priced larger unit when only 14 to 18,000 BTU's are needed.

- **A Tri-Zone 24,000 BTU Unit**
  Fujitsu offers a 2-ton system that provides 2 or 3-zone flexibility. By using connectable capacity, this system allows up to three 9,000 BTU units.

- **Pricing Compared to Competition**
  Additional outdoor units provides better matched BTU capacity with indoor units. By better matching the outdoor unit to the indoor capacity a better system value is achieved.

Multi Zone Outdoor Units 18, 24 and 36,000 BTUs

AOU18RLXFZ, AOU24RLXFZ, AOU36RLXFZ1

multi
18, 24, 36,000 BTUs

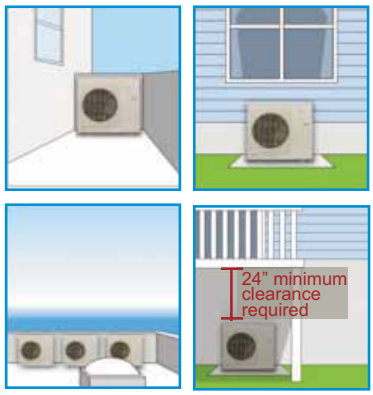
AOU18, 24RLXFZ

AOU36RLXFZ1

Halcyon HFI
Hybrid Flex Inverter

Compact Size

The compact size of the outdoor units allows for many installation opportunities.



DC Twin Rotary Compressor

A high performance, low noise, large capacity DC twin rotary compressor is used.

	AOU 18RLXFZ Heat Pump ASU9+ASU9	AOU 24RLXFZ Heat Pump ASU9+ASU7+ASU7	AOU 36RLXFZ1 Heat Pump ASU9 x 4
Connectable Indoor Unit *Number*	2	2 to 3	3 to 4
Connectable Unit Capacity Class *BTU/h*	14 to 21,000[1]	14 to 27,000[1]	27 to 39,000[1]
Rated Capacity Cooling/Heating *BTU/h*	18,000/22,000	22,000/24,000	35,200/36,400
Clg. Operating Range °F(°C)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)
Htg. Operating Range °F(°C)	5 to 75 (-15 to 24)	5 to 75 (-15 to 24)	5 to 75 (-15 to 24)
Input Power: Clg/Htg Rated kW*	1.44/1.87	1.76/1.73	3.52/3.00
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1
Current: Total Max. *(A)*	10.0	13.7	20.3
Minimum Circuit Ampacity *(A)*	12.1	16.7	24.6
MAX.CRT.BKR *(A)*	15	20	30
Outdoor Fan Airflow *CFM (Clg/Htg)*	1,795/1,619	1,942/1,942	2,119/2,237
Fan: Type x Quantity	Propeller x 1	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling *dB(A)*	49	51	53
Sound Pressure Level Heating *dB(A)*	49	52	55
Pre-Charge Length Total *Ft (m)*	98 (30)	98 (30)	164 (50)
Max. Length Total *Ft (m)*	164 (50)	164 (50)	230 (70)
Max. Length Each *Ft (m)*	82 (25)	82 (25)	82 (25)
Min. Length Total *Ft (m)*	49 (15)	49 (15)	66 (20)
Min. Length Each *Ft (m)*	16 (5)	16 (5)	16 (5)
Max. Pipe Height Difference Between Outdoor Unit & Farthest Indoor *Ft (m)*	49 (15)	49 (15)	49 (15)
Max. Pipe Height Difference Between Indoor Units *Ft (m)*	33 (10)	33 (10)	33 (10)
Connection Method	Flare	Flare	Flare
Conn. Pipe Diameter *Inch*	Liq. 1/4 x 2 Suc. 3/8 x 2	Liq. 1/4 x 3 Suc. 1/2 x 1, 3/8 x 2	Liq. 1/4 x 4 Suc. 1/2 x 1, 3/8 x 3
Net Weight *lbs. (kg)*	119 (54)	124 (56)	149 (68)
Dimensions: Height *Inch*	27-9/16	27-9/16	32-11/16
mm	700	700	830
Width *Inch*	35-7/16	35-7/16	35-7/16
mm	900	900	900
Depth *Inch*	13	13	13
mm	330	330	330
Refrigerant	R410A	R410A	R410A

[1]See table for allowed combinations within this connectable capacity range.

Nominal Capacities, SEER and HSPF Ratings

Data below is based on AHRI 210/240 non-ducted wall mounted models.

Model	Indoor Unit		Cooling Capacity Btu/h	EER	SEER	Heating Rated Capacity Btu/h		Heating Maximum Capacity Btu/h		COP	HSPF
	Type	Combination	95 °F			47 °F	17 °F	17 °F	5 °F	47 °F	
AOU18RLXFZ	Non-Ducted	9+9	18,000	12.5	18.0	22,000	13,900	16,300	13,900	3.44	9.3
	Ducted	9+9	18,000	12.1	16.0	22,000	13,900	16,300	13,900	3.52	9.0
	Mixed	9+9	18,000	12.3	17.0	22,000	13,900	16,300	13,900	3.48	9.2
	Specific	ASU7+ASU12 and ASU9+ASU12	18,000	12.5	18.0	22,000	13,900	16,300	13,900	3.67	9.0
AOU24RLXFZ	Non-Ducted	9+7+7	22,000	12.5	18.0	24,000	14,100	19,800	16,300	4.04	9.5
	Ducted	9+7+7	22,000	10.6	15.5	24,000	14,100	19,800	16,300	3.42	9.0
	Mixed	9+7+7	22,000	11.6	16.8	24,000	14,100	19,800	16,300	3.74	9.3
AOU36RLXFZ1	Non-Ducted	9+9+9+9	35,200	10.0	18.0	24,000	22,000	32,500	25,400	3.56	9.4
	Ducted	9+9+9+9	35,200	9.0	16.0	24,000	22,000	32,500	25,400	3.32	8.7
	Mixed	9+9+9+9	35,200	9.5	17.0	24,000	22,000	32,500	25,400	3.44	9.1

Yellow rows represent models that are ENERGY STAR® qualified.

Extra Low Temperature Heating Series (XLTH)

AOU18RLXFZH, AOU24RLXFZH

18, 24,000 BTUs

When the temperature drops you don't want to be left in the cold. It's important to choose a heat pump system rated for the climate you live in. If your system doesn't operate in severe conditions you and your family could be left without any heat at all.

Fujitsu's line of mini-split heat pumps come in different sizes, styles, and rated outdoor temperatures. The XLTH Series features outdoor condensing units engineered to operate in temperatures down to -15°F, lower than any other mini-split available today.

- Connect 2 to 3 indoor units, depending on model
- Connect 14,000 to 27,000 BTU
- e**X**tra **L**ow **T**emp **H**eating down to -15°F outdoor temperatures
- Energy efficient - up to 21.5 SEER and 10.3 HSPF
- No branch boxes or separation tubes

The XLTH Difference

	Fujitsu XLTH	Model Without Base Heater
Base		
Drain Hole		
	Drain hole is not filled, no freezing of base	**Freezing where there is no heater**

Condition: Indoor temp. of 68°FDB / outdoor temp. of 5°FDB, Heating mode, High airflow volume. Operation for 24 hours.

XLTH Outdoor Units 18, 24,000 BTUs

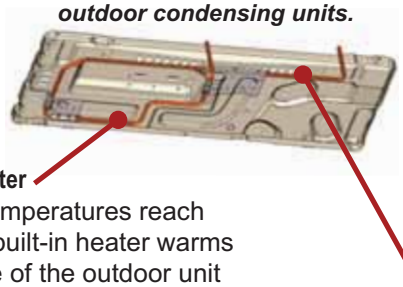
AOU18RLXFZH, AOU24RLXFZH

18, 24,000 BTUs

Ambient Heating Temperature of -15°F

Other models may go as low as -5°F, however they do not include a base heater and other advancements found in XLTH models.

The base of Fujitsu's XLTH outdoor condensing units.

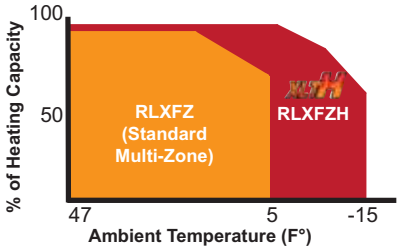


Base Heater
When temperatures reach 36°F, a built-in heater warms the base of the outdoor unit so that condensation doesn't freeze. Without a heater, freezing condensate can cause noise, damage to the fan blade, condenser, and system performance.

Base Drainage Holes
The cultivated base design discharges melted water through many holes located at the bottom of the unit.

Improved Heating Capacity

Heating capacity at low outdoor temperatures was improved by adopting a large heat exchanger and a high capacity compressor.



	AOU 18RLXFZH Heat Pump	AOU 24RLXFZH Heat Pump
Connectable Indoor Unit *Number*	2	2 to 3
Connectable Unit Capacity Class *BTU/h*	14,000 to 21,000	14,000 to 27,000
Rated Capacity Cooling/Heating *BTU/h*	18,000/22,000	22,000/25,000
Clg. Operating Range °F(°C)	14 to 115 (-10 to 46)	14 to 115 (-10 to 46)
Htg. Operating Range °F(°C)	-15 to 75 (-26 to 24)	-15 to 75 (-26 to 24)
Input Power: Clg/Htg Rated kW*	1.33/1.70	1.65/1.81
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1
Current: Total Max. *(A)*	16.4	20.8
Minimum Circuit Ampacity *(A)*	19.7	25.1
MAX.CRT.BKR *(A)*	20	30
Outdoor Fan Airflow *CFM (Clg/Htg)*	1,648/1,648	1,942/1,942
Fan: Type x Quantity	Propeller x 1	Propeller x 1
Sound Pressure Level Cooling *dB(A)*	48	50
Sound Pressure Level Heating *dB(A)*	50	52
Pre-Charge Length Total *Ft (m)*	98 (30)	98 (30)
Max. Length Total *Ft (m)*	164 (50)	230 (70)
Max. Length Each *Ft (m)*	82 (25)	82 (25)
Min. Length Total *Ft (m)*	49 (15)	49 (15)
Min. Length Each *Ft (m)*	16 (5)	16 (5)
Max. Pipe Height Difference Between Outdoor Unit & Farthest Indoor *Ft (m)*	49 (15)	49 (15)
Max. Pipe Height Difference Between Indoor Units *Ft (m)*	33 (10)	33 (10)
Connection Method	Flare	Flare
Conn. Pipe Diameter *Inch*	Liq. 1/4 x 2 Suc. 3/8 x 2	Liq. 1/4 x 3 Suc. 1/2 x 1, 3/8 x 2
Net Weight *lbs. (kg)*	134 (61)	146 (66)
Dimensions: Height *Inch*	32-11/16	32-11/16
mm	830	830
Width *Inch*	35-7/16	35-7/16
mm	900	900
Depth *Inch*	13	13
mm	330	330
Refrigerant	R410A	R410A

Nominal Capacities, SEER and HSPF Ratings

Data below is based on AHRI 210/240 non-ducted wall mounted models.

Model	Indoor Unit		Cooling Capacity Btu/h	EER	SEER	Heating Rated Capacity Btu/h		Heating Maximum Capacity Btu/h		COP	HSPF
	Type	Combination	95°F			47°F	17°F	17°F	5°F	47°F	
AOU18RLXFZH	Non-Ducted	9+9	18,000	13.5	21.5	22,000	14,200	23,600	22,000	3.79	10.3
	Ducted	9+9	18,000	12.4	19.0	22,000	14,200	23,600	22,000	3.60	9.0
	Mixed	9+9	18,000	13.0	20.3	22,000	14,200	23,600	22,000	3.70	9.7
AOU24RLXFZH	Non-Ducted	9+7+7	22,000	13.3	20.0	25,000	15,400	26,400	25,000	4.04	10.3
	Ducted	9+7+7	22,000	12.1	18.0	25,000	15,400	26,400	25,000	3.87	9.0
	Mixed	9+7+7	22,000	12.7	19.0	25,000	15,400	26,400	25,000	3.96	9.7

Yellow rows represent models that are ENERGY STAR® qualified.

Hybrid Flex Inverter Series (HFI)

AOU48RLXFZ1

flex
48,000 BTUs

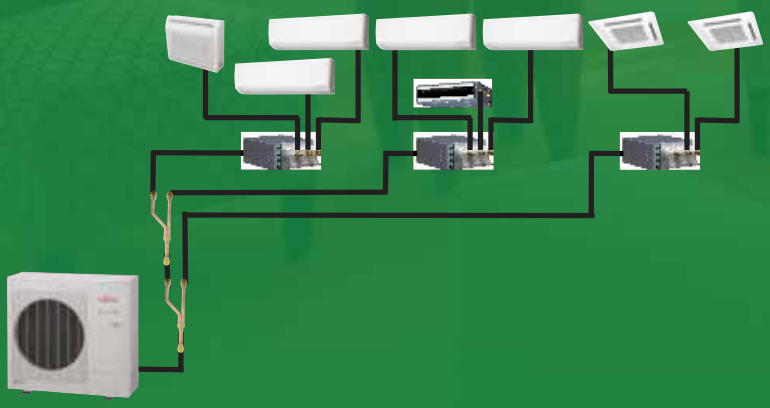
A **Hybrid** system is the blending of a complex VRF system with the simplicity of a multi-zone system to create a hybrid solution that shares the best of both systems.

Flex provides the ability to create the right combinations, the right quantity (up to 8-zones), the right style indoor units, and the right capacity. It's the right choice for your home or business.

An **Inverter** is a system that controls the rotational speed (not just an ON/OFF signal) of an electric motor by adjusting the frequency and voltage of the electrical power supplied to the motor. The inverter constantly regulates the compressor speed to its optimum energy usage, producing higher refrigerant performance with less power consumption.

This system provides individual temperature control throughout your home or business so each room, zone or floor will be the temperature you set! An optional Central Remote Control is available which can control up to all 8 indoor units from one keypad.

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and separation tubes are REQUIRED



Flex Zone Outdoor Unit 48,000 BTUs

AOU48RLXFZ1

flex 48,000 BTUs

Halcyon HFI Hybrid Flex Inverter

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU

2 Indoor Units
18k BTU/h + 24 k BTU/h = 42k BTU/h ··OK
12k BTU/h + 24 k BTU/h = 36k BTU/h ··Not Allowed (below 80%)

8 Indoor Units
7k BTU/h × 8 units = 56k BTU ··OK
9k BTU/h × 8 units = 72k BTU ··Not Allowed (over 130%)

Compact Size

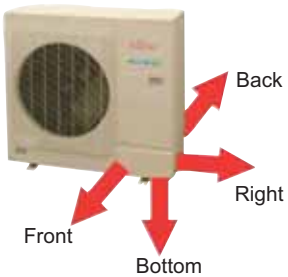
The compact size of outdoor unit AOU48RLXFZ1 allows for many installation opportunities.

Self Diagnostic Feature

This printed circuit board provides three modes of diagnostics - setting, monitoring and function mode, as well as error codes. It also provides a pre-commissioning check function. Setting mode allows optional functions to be selected. Monitoring mode provides temperature for each thermistor, compressor operation and other functions. Function mode provides cooling test run, heating test run and pump down operation.

Piping Flexibility

Contractors can choose the best direction for piping from the outdoor unit.



DC Twin Rotary Compressor

A high performance, low noise, large capacity DC twin rotary compressor is used. Includes Quiet Mode for night operation.

	AOU48RLXFZ1 Heat Pump
Connectable Indoor Unit *Number*	2 to 8
Connectable Indoor Unit *Capacity*	80 to 130% Nominal (39,000 - 62,000 BTU)
Connectable Branch Box *Number*	1 to 3
Nominal Cooling *BTU/h*	48,000
Max Cooling *BTU/h*	51,100
Nominal Heating *BTU/h*	54,000
Low Temp. Heating 17°F *BTU/h*	40,000
Max Heating *BTU/h*	57,000
Clg. Operating Range °F(°C)	23-115 (-5-46)
Htg. Operating Range °F(°C)	5-75 (-15-24)
Input Power: Cooling Rated kW*	5.52 / 5.19 / 5.35
Input Power: Heating Rated kW*	5.02 / 4.89 / 4.96
Voltage/Frequency/Phase	208-230/60/1
Current: Clg Outdoor Max. *(A)*	24.5 / 23.0 / 23.7
Current: Htg Outdoor Max. *(A)*	22.3 / 21.7 / 22.0
MAX.CRT.BKR *(A)*	40
Outdoor Fan Speed *RPM (Clg/Htg)*	890/910
Fan: Type x Quantity	Propeller x 1
Fan Motor Output W	111
Sound Pressure Level Cooling *dB(A)*	56
Sound Pressure Level Heating *dB(A)*	58
Max. Pipe Length Total *Ft (m)*	377 (115)
Max. Pipe Length Between Box & Farthest Indoor Unit *Ft (m)*	49 (15)
Max. Pipe Height Difference Between Outdoor Unit & Branch Box *Ft (m)*	98 (30)
Max. Pipe Height Difference Between Indoor Units *Ft (m)*	49 (15)
Max. Pipe Height Difference Between Outdoor Unit & Farthest Indoor *Ft (m)*	98 (30)
Connection Method	Flare
Conn. Pipe Diameter *Inch*	3/8 (Liq.) 5/8 (Suc.)
Net Weight *lbs. (kg)*	216 (98)
Dimensions: Height *Inch*	36
mm	914
Width *Inch*	38-1/4
mm	970
Depth *Inch*	14-5/8
mm	370
Refrigerant	R410A

37*Ducted / Non-Ducted / Mixed

	SEER	HSPF	EER**
Ducted	14.7	9.3	8.7
Non-Ducted	17.0	9.8	9.25
Mixed	15.8	9.5	8.97

****Cooling**

Branch Boxes
UTP-PU03A, UTP-PU03B

flex 48,000 BTUs

	UTP-PU03A Primary	UTP-PU03B Secondary
Connectable Indoor Unit	1 ~ 3	1 ~ 3
Max. Combination *BTU/h*	62,000 Nom.*	62,000 Nom.*
Min. Combination *BTU/h*	7,000 Nom.*	7,000 Nom.*
Clg. Operating Range °F(°C)	25-115 (-5-46)	25-115 (-5-46)
Htg. Operating Range °F(°C)	5-75 (-15-24)	5-75 (-15-24)
%RH	80 or less	80 or less
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1
Maximum Current Ampacity *(A)*	15	15
Running Current *Rated (A)*: Cooling	0.050	0.050
Heating	0.050	0.050
Power Use *Rated (W)*: Cooling	10	10
Heating	10	10

*As long as the total system nominal capacity is between 39,000 and 62,000 BTUs.

	UTP-PU03A Primary	UTP-PU03B Secondary
Dimensions: Gross (Flare to Flare):		
Height x Width x Depth *Inch*	7-5/8 x 33 x 14-5/8	7-5/8 x 33 x 14-5/8
Height x Width x Depth *mm*	195 x 838 x 370	195 x 838 x 370
Dimensions: Net (Metal Box Only):		
Height x Width x Depth *Inch*	7-5/8 x 17 x 14-5/8	7-5/8 x 17 x 14-5/8
Height x Width x Depth *mm*	195 x 433 x 370	195 x 433 x 370
Net Weight *lbs. (kg)*	20 (9)	20 (9)
Conn. Pipe Diameter - Main *Inch*	(3/8 Liq. x 5/8 Suc.)	(3/8 Liq. x 5/8 Suc.)
Conn. Pipe Diameter - Branch *Inch*	(1/4 Liq. x 1/2 Suc.) 3 pair	(1/4 Liq. x 1/2 Suc.) 3 pair
Connection Method	Flare	Flare
Connection Adapter Included *Inch*	(1/2MF x 3/8FF) x 3 (1/2MF x 5/8FF) x 3 No adapter needed for 18k BTU	(1/2MF x 3/8FF) x 3 (1/2MF x 5/8FF) x 3 No adapter needed for 18k BTU

Warning: Branch boxes are not weather tight enclosures and cannot be mounted outdoors or in damp environments exceeding 80% relative humidity, unless using the Branch Box Outdoor Enclosure, Part #UTP-PX-A.

Allowed Branch Box Mounting Direction

Threaded Rod Mount

By reversing the electrical box position you *can* orient the inlet and outlet pipes into a left hand or right hand configuration.

Horizontal Wall Mount

By reversing the electrical box position you *can* orient the inlet and outlet pipes into a left hand or right hand configuration.

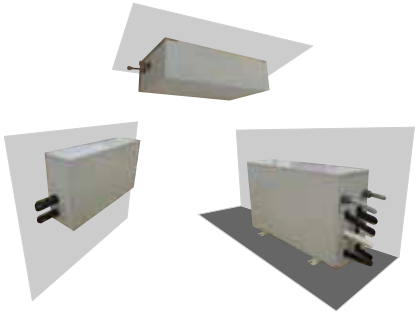
Vertical Wall Mount

You *cannot* reverse the electrical box position when mounting the branch box vertically.

Branch Box Outdoor Enclosure
UTP-PX-A

The Branch Box Outdoor Enclosure is used to mount the indoor style Branch Box outdoors. The Branch Box Outdoor Enclosure is a painted metal cover to match the condensing unit. When Branch Box Outdoor Enclosure is not required, see Installation Manual for indoor mounting instructions.

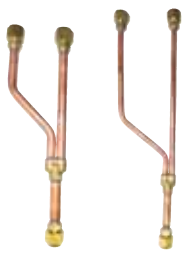
Allowed Mounting Positions



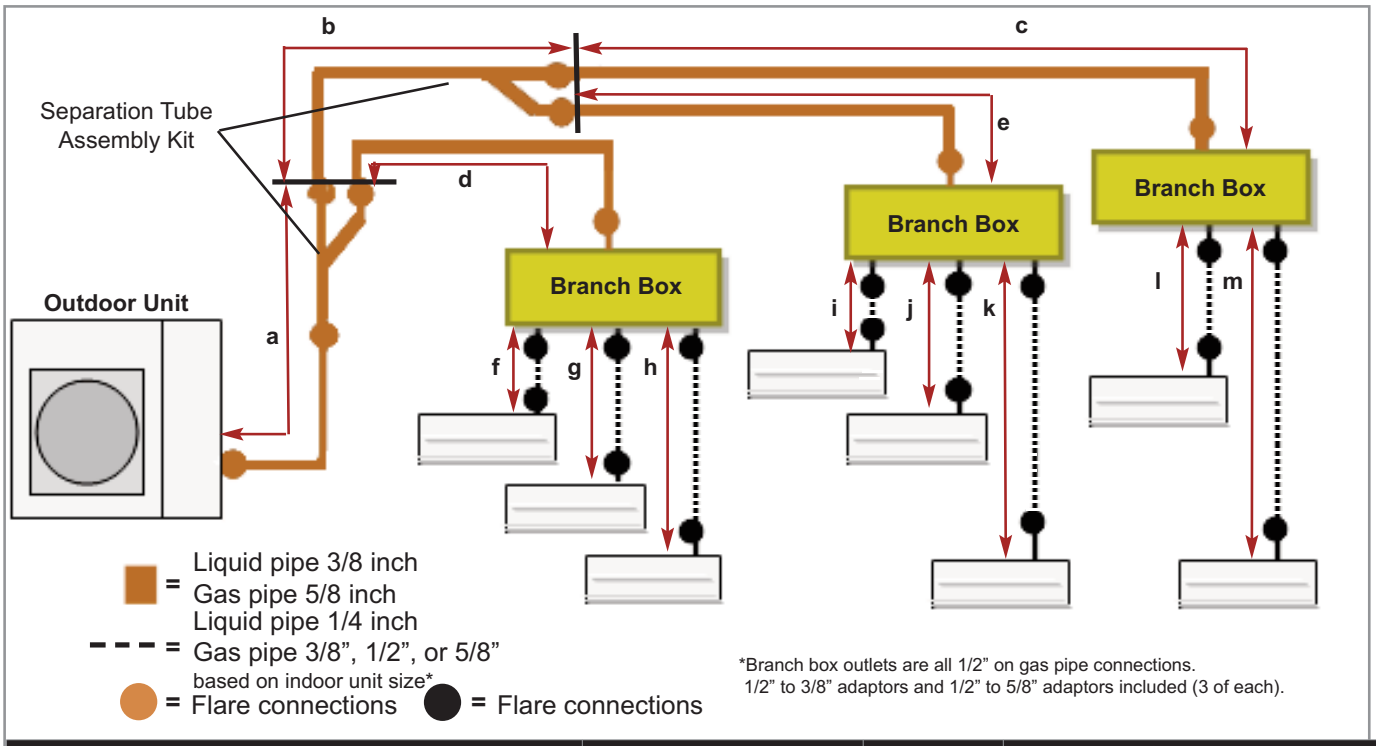
Dimensions in. (mm)	
Net (HxWxD)	8-11/16 x 32 x 17-7/8 (220 x 813 x 454)
Gross (HxWxD)	3-15/16 x 33-11/16 x 20-5/16 (100 x 880 x 515)
Weight lbs. (kg)	
Net Branch Box cover only	22 (10)
Net Branch Box + Cover	44.1(20)
Gross	30.9 (14)

Separation Tube Assembly Kit
UTP-SX248A

Size	Liquid *Inch*	3/8 x 3/8 x 3/8
	Suction *Inch*	5/8 x 5/8 x 5/8



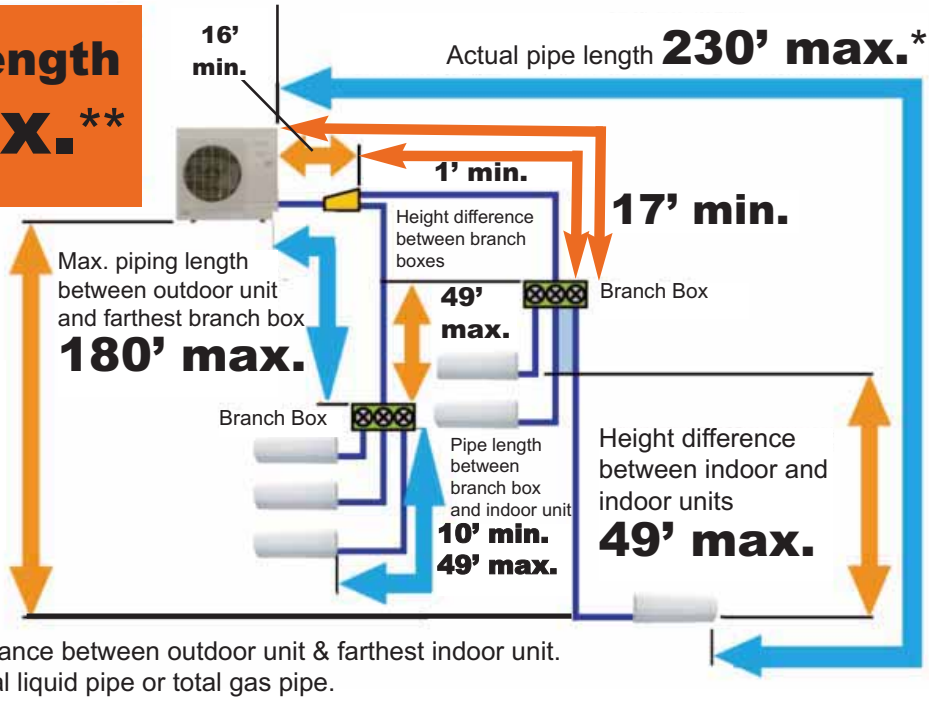
Piping



		Liquid pipe	Adaptor	Gas pipe
Branch Box to Indoor	7,000 BTU	1/4 inch	included	3/8 inch
	9,000 BTU		included	
	12,000 BTU		included	
	18,000 BTU		n/a	1/2 inch
	24,000 BTU		included	5/8 inch

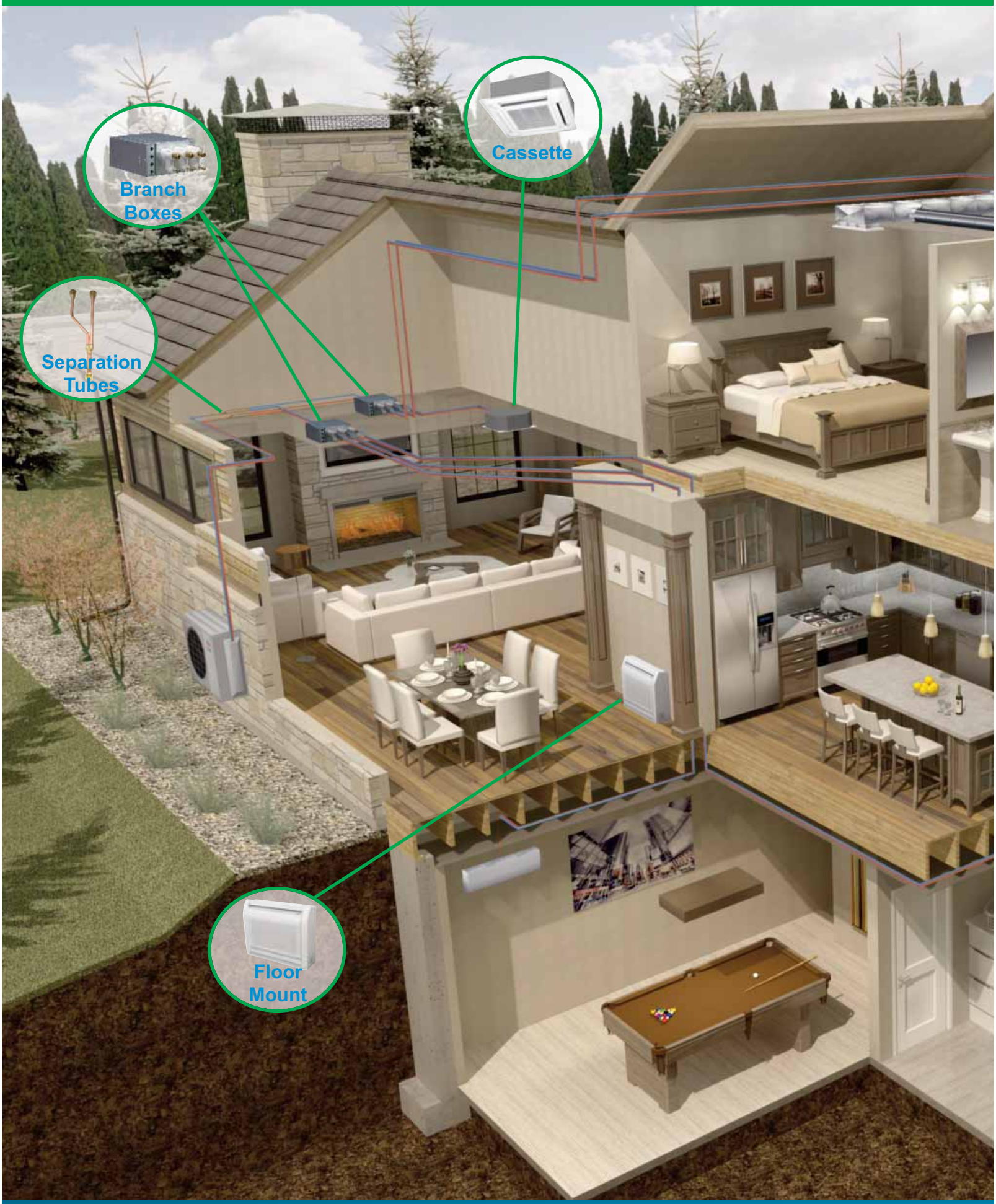
Calculate Refrigerant Charge Factory Charge 7.6 lb (3.45 kg) Unit pre-charged to 0 feet	Pipe Diameter	Location	Additional Refrig.
	3/8"	Outdoor to Branch Box	0.624 oz./ft. or 58g/meter
	1/4"	Branch Box to Indoor Unit	0.224 oz./ft. or 21g/meter
	(Total length of 3/8" liquid line × 0.624 oz./ft. or 58g/meter) + (Total length of 1/4" liquid line × 0.224 oz./ft. or 21g/meter)		
	(a+b+c+d+e) × 0.624 oz./ft. or 58g/meter + (f+g+h+i+j+k+l+m) × 0.224 oz./ft. or 21g/meter = additional refrigerant		

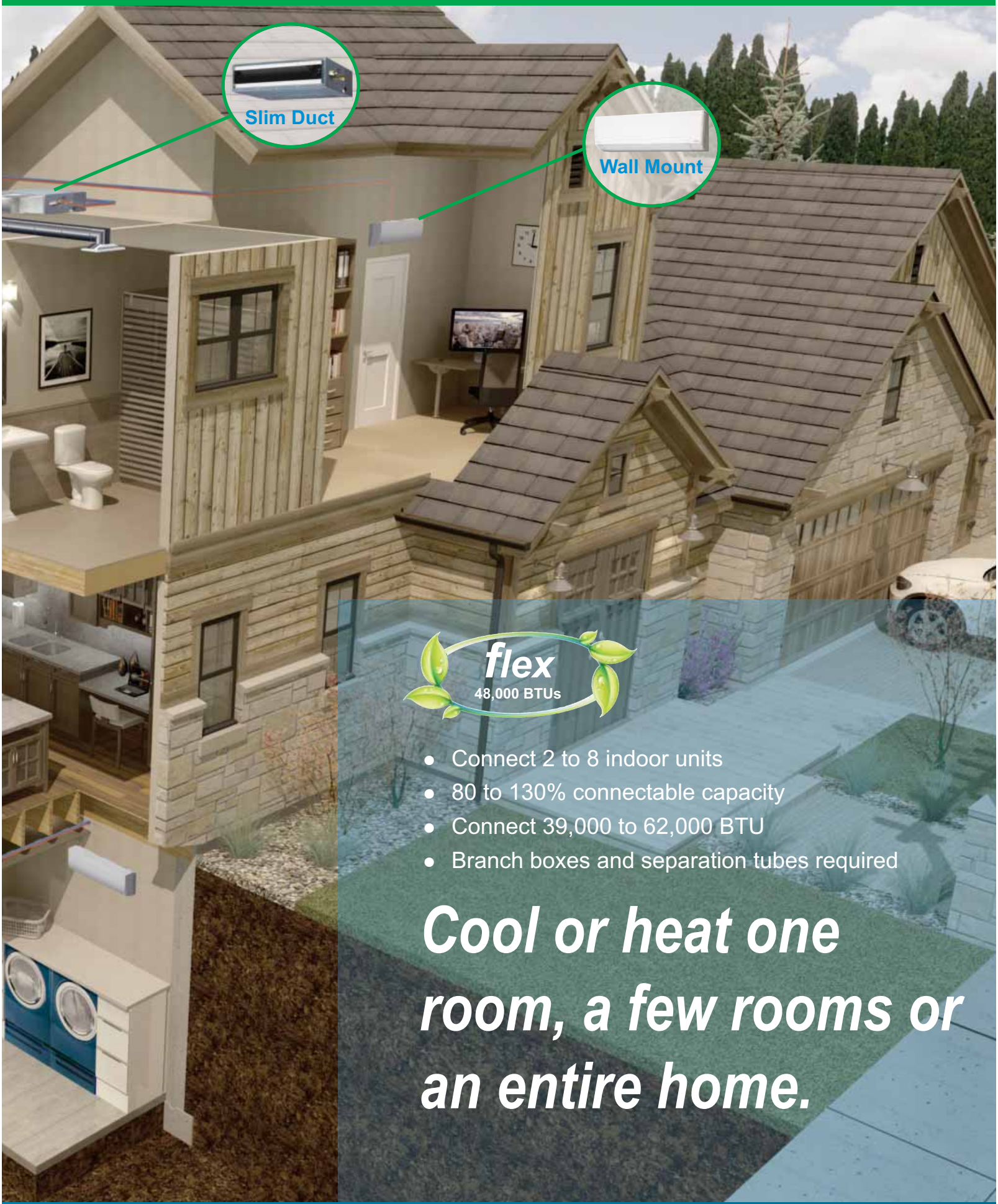
Total Pipe Length
377' max.**



Height difference between outdoor and indoor units
98' max.

* Distance between outdoor unit & farthest indoor unit.
** Total liquid pipe or total gas pipe.


Branch Boxes
Cassette
Separation Tubes
Floor Mount



flex
48,000 BTUs

- Connect 2 to 8 indoor units
- 80 to 130% connectable capacity
- Connect 39,000 to 62,000 BTU
- Branch boxes and separation tubes required

Cool or heat one room, a few rooms or an entire home.

Allowable Combinations

for AOU18RLXFZ, AOU18RLXFZH, AOU24RLXFZ, AOU24RLXFZH, AOU36RLXFZ1

Multi 18, 24, 36,000 BTUs

XLTH 18, 24,000 BTUs

ASU7RLF1, ASU9RLF1, ASU9RLS2+, ASU12RLF1, ASU12RLS2+, ASU15RLS2+, ASU18RLF, ASU24RLF

ARU7RLF
ARU9RLF
ARU12RLF
ARU18RLF
ARU24RLF

AUU7RLF
AUU9RLF
AUU12RLF
AUU18RLF

AGU9RLF
AGU12RLF
AGU15RLF

AOU18RLXFZ
AOU18RLXFZH
AOU24RLXFZ
AOU24RLXFZH
AOU36RLXFZ1

BTU Capacity	7,000	9,000	12,000	15,000	18,000	24,000

AOU18RLXFZ / AOU18RLXFZH

2 ROOMS

7	7	14
7	9	16
7	12	19
9	9	18
9	12	21

AOU24RLXFZ / AOU24RLXFZH

3 ROOMS

7	7	-	14
7	9	-	16
7	12	-	19
7	15		22
7	18		25
9	9	-	18
9	12		21
9	15		24
9	18		27
12	12		24
12	15		27
7	7	7	21
7	7	9	23
7	7	12	26
7	9	9	25
9	9	9	27

AOU36RLXFZ1

4 ROOMS

18*	18*			36
7	7	15	-	29
7	7	18	-	32
7	7	24		38
7	9	12	-	28
7	9	15	-	31
7	9	18		34
7	12	12	-	31
7	12	15		34
7	12	18		37
9	9	9	-	27
9	9	12	-	30
9	9	15		33
9	9	18		37
9	12	12		33
9	12	15		36
9	12	18		39
12	12	12		36

AOU36RLXFZ1

4 ROOMS

12	12	15		39
7	7	7	7	28
7	7	7	9	30
7	7	7	12	33
7	7	7	15	36
7	7	7	18**	39
7	7	9	9	32
7	7	9	12	35
7	7	9	15	38
7	7	12	12	38
7	9	9	9	34
7	9	9	12	37
9	9	9	9	36

AOU48RLXFZ1

2

18	24		42
24	24		48

3 INDOOR UNITS

7	9	24		40
7	12	24		43
7	15	18		39
7	15	24		45
7	18	18		43
7	18	24		49
7	24	24		55
9	9	24		42
9	12	18		39
9	12	24		45
9	15	18		41
9	15	24		47
9	18	18		45
9	18	24		51
9	24	24		57
12	12	18		42
12	12	24		48
12	15	15		40
12	15	18		44
12	15	24		50
12	18	18		48
12	18	24		54
12	24	24		60
15	15	15		42
15	15	18		46

3 INDOOR UNITS

15	15	24		52
15	18	18		50
15	18	24		56
15	24	24		62
18	18	18		54
18	18	24		60

4 INDOOR UNITS

7	7	7	18	39
7	7	7	24	45
7	7	9	18	41
7	7	9	24	47
7	7	12	15	40
7	7	12	18	44
7	7	12	24	50
7	7	15	15	42
7	7	15	18	46
7	7	15	24	52
7	7	18	18	50
7	7	18	24	56
7	7	24	24	62
7	9	9	15	39
7	9	9	18	43
7	9	9	24	49
7	9	12	12	40
7	9	12	15	42
7	9	12	18	46
7	9	12	24	52
7	9	15	15	44
7	9	15	18	48
7	9	15	24	54
7	9	18	18	52
7	9	18	24	58
7	12	12	12	43
7	12	12	15	45
7	12	12	18	49
7	12	12	24	55
7	12	15	15	47
7	12	15	18	51
7	12	15	24	57
7	12	18	18	55
7	12	18	24	61
7	15	15	15	49

4 INDOOR UNITS

7	15	15	18	53
7	15	15	24	59
7	15	18	18	57
7	18	18	18	61
9	9	9	12	39
9	9	9	15	41
9	9	9	18	45
9	9	9	24	51
9	9	12	12	42
9	9	12	15	44
9	9	12	18	48
9	9	12	24	54
9	9	15	15	46
9	9	15	18	50
9	9	15	24	56
9	9	18	18	54
9	9	18	24	60
9	12	12	12	45
9	12	12	15	47
9	12	12	18	51
9	12	12	24	57
9	12	15	15	49
9	12	15	18	53
9	12	15	24	59
9	12	18	18	57
9	15	15	15	51
9	15	15	18	55
9	15	15	24	61
9	15	18	18	59
12	12	12	12	48
12	12	12	15	50
12	12	12	18	54
12	12	12	24	60
12	12	15	15	52
12	12	15	18	56
12	12	15	24	62
12	12	18	18	60
12	15	15	15	54
12	15	15	18	58
12	15	18	18	62
15	15	15	15	56

+ ASU9,12,15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1. * The optional kit "K9FZ1818 (UTP-MU36A2)" is necessary for dual zone system "18+18".
**Wall mounted type ASU18RLF can not be connected in this combination. "-" represents available circuit for future expansion when connecting this combination.

Allowable Combinations

for AOU48RLXFZ1

flex
48,000 BTUs

ASU7RLF1, ASU9RLF1,
ASU9RLS2, ASU12RLF1,
ASU12RLS2, ASU15RLS2,
ASU18RLF, ASU24RLF

ARU7RLF
ARU9RLF
ARU12RLF
ARU18RLF
ARU24RLF

AUU7RLF
AUU9RLF
AUU12RLF
AUU18RLF

AGU9RLF
AGU12RLF
AGU15RLF

AOU48RLXFZ1

= Allowed "Connectable Capacity" combinations between 100 and 130%

4	15 15 15 18	60
5 INDOOR UNITS	7 7 7 7 12	40
	7 7 7 7 15	42
	7 7 7 7 18	46
	7 7 7 7 24	52
	7 7 7 9 9	39
	7 7 7 9 12	42
	7 7 7 9 15	44
	7 7 7 9 18	48
	7 7 7 9 24	54
	7 7 7 12 12	45
	7 7 7 12 15	47
	7 7 7 12 18	51
	7 7 7 12 24	57
	7 7 7 15 15	49
	7 7 7 15 18	53
	7 7 7 15 24	59
	7 7 7 18 18	57
	7 7 9 9 9	41
	7 7 9 9 12	44
	7 7 9 9 15	46
	7 7 9 9 18	50
	7 7 9 9 24	56
	7 7 9 12 12	47
	7 7 9 12 15	49
	7 7 9 12 18	53
	7 7 9 12 24	59
	7 7 9 15 15	51
	7 7 9 15 18	55
	7 7 9 15 24	61
	7 7 9 18 18	59
	7 7 12 12 12	50
	7 7 12 12 15	52
	7 7 12 12 18	56
	7 7 12 12 24	62
	7 7 12 15 15	54
	7 7 12 15 18	58
	7 7 12 18 18	62
	7 7 15 15 15	56
	7 7 15 15 18	60
	7 9 9 9 9	43

5 INDOOR UNITS	7 9 9 9 12	46
	7 9 9 9 15	48
	7 9 9 9 18	52
	7 9 9 9 24	58
	7 9 9 12 12	49
	7 9 9 12 15	51
	7 9 9 12 18	55
	7 9 9 12 24	61
	7 9 9 15 15	53
	7 9 9 15 18	57
	7 9 9 18 18	61
	7 9 12 12 12	52
	7 9 12 12 15	54
	7 9 12 12 18	58
	7 9 12 15 15	56
	7 9 12 15 18	60
	7 9 15 15 15	58
	7 9 15 15 18	62
	7 12 12 12 12	55
	7 12 12 12 15	57
	7 12 12 12 18	61
	7 12 12 15 15	59
	7 12 15 15 15	61
	9 9 9 9 9	45
	9 9 9 9 12	48
	9 9 9 9 15	50
	9 9 9 9 18	54
	9 9 9 9 24	60
	9 9 9 12 12	51
	9 9 9 12 15	53
	9 9 9 12 18	57
	9 9 9 15 15	55
	9 9 9 15 18	59
	9 9 12 12 12	54
	9 9 12 12 15	56
	9 9 12 12 18	60
	9 9 12 15 15	58
	9 9 12 15 18	62
	9 9 15 15 15	60
	9 12 12 12 12	57
	9 12 12 12 15	59
	9 12 12 15 15	61

5	12 12 12 12 12	60
	12 12 12 12 15	62
6 INDOOR UNITS	7 7 7 7 7 7	42
	7 7 7 7 7 9	44
	7 7 7 7 7 12	47
	7 7 7 7 7 15	49
	7 7 7 7 7 18	53
	7 7 7 7 7 24	59
	7 7 7 7 9 9	46
	7 7 7 7 9 12	49
	7 7 7 7 9 15	51
	7 7 7 7 9 18	55
	7 7 7 7 9 24	61
	7 7 7 7 12 12	52
	7 7 7 7 12 15	54
	7 7 7 7 12 18	58
	7 7 7 7 15 15	56
	7 7 7 7 15 18	60
	7 7 7 9 9 9	48
	7 7 7 9 9 12	51
	7 7 7 9 9 15	53
	7 7 7 9 9 18	57
	7 7 7 9 12 12	54
	7 7 7 9 12 15	56
	7 7 7 9 12 18	60
	7 7 7 9 15 15	58
	7 7 7 9 15 18	62
	7 7 7 12 12 12	57
	7 7 7 12 12 15	59
	7 7 7 12 15 15	61
	7 7 9 9 9 9	50
	7 7 9 9 9 12	53
	7 7 9 9 9 15	55
	7 7 9 9 9 18	59
	7 7 9 9 12 12	56
	7 7 9 9 12 15	58
	7 7 9 9 12 18	62
	7 7 9 9 15 15	60
	7 7 9 12 12 12	59
	7 7 9 12 12 15	61

6 INDOOR UNITS	7 7 12 12 12 12	62
	7 9 9 9 9 9	52
	7 9 9 9 9 12	55
	7 9 9 9 9 15	57
	7 9 9 9 9 18	61
	7 9 9 9 12 12	58
	7 9 9 9 12 15	60
	7 9 9 12 12 12	61
	9 9 9 9 9 9	54
	9 9 9 9 9 12	57
	9 9 9 9 9 15	59
	9 9 9 9 12 12	60
	9 9 9 9 12 15	62
7 INDOOR UNITS	7 7 7 7 7 7 7	49
	7 7 7 7 7 7 9	51
	7 7 7 7 7 7 12	54
	7 7 7 7 7 7 15	56
	7 7 7 7 7 7 18	60
	7 7 7 7 7 9 9	53
	7 7 7 7 7 9 12	56
	7 7 7 7 7 9 15	58
	7 7 7 7 7 9 18	62
	7 7 7 7 7 12 12	59
	7 7 7 7 7 12 15	61
	7 7 7 7 9 9 9	55
	7 7 7 7 9 9 12	58
	7 7 7 7 9 9 15	60
	7 7 7 7 9 12 12	61
	7 7 7 9 9 9 9	57
	7 7 7 9 9 9 12	60
	7 7 7 9 9 9 15	62
	7 7 9 9 9 9 9	59
	7 7 9 9 9 9 12	62
	7 9 9 9 9 9 9	61
8	7 7 7 7 7 7 7 7	56
	7 7 7 7 7 7 7 9	58
	7 7 7 7 7 7 7 12	61
	7 7 7 7 7 7 9 9	60
	7 7 7 7 7 7 9 9 9	62

Remote Controls

Wired Remote Controller*
UTY-RNBYU^/UTY-RNNUM^

The wired remote controller with its unique lock function and sleek design provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Wired Remote Controller
UTY-RVNUM

Features a large backlit LCD display and displays the room temperature. Provides full feature access to property managers, building owners, and facility maintenance, as well as providing basic comfort features to tenants, employees, and teachers.

Simple Remote Controller
UTY-RSNUM*

Suitable when only basic operations are required for hotels, offices and other places where there is frequent arrival and departure of occupants. Remote does not allow any timer settings.

Wireless Remote Controller
UTY-LNHUM

For spaces where there is just no place to mount the wired remote or where wireless operation is preferred.

Central Remote Controller
UTY-DMMUM

This remote controls up to 8 individual indoor units. Set temperatures on timers to best meet individuals' needs. Includes a large backlit LCD and 4-way navigation pad. Remote connects in daisy chain to branch boxes. *Used with AOU48RLXFZ1 only.*

Remote Sensor
UTY-XSZX

Wall mounted room temperature sensor for slim duct models. Replaces room temperature sensor in the return when installed while still allowing for temperature correction.

Receiver Unit
UTY-LRHUM

For slim duct models. Includes a wireless remote control.

Interface Kits

Dry Contact Wire Kit*
UTY-XWZX/UTY-XWZXZ5

Turns system on or off using a normally open circuit. For example in home automation, BMS integration of only On/Off operation, occupancy sensor, key card switch, or lead-lag control of other heating/cooling devices.

Interface Kit
UTY-XCBXZ2

Required to connect ASU7RLF1, 9RLF1, and 12RLF1 to Wired Remote UTY-RNNUM, Dry Contact Wire Kit UTY-XWZX, and Simple Remote Control UTY-RSNUM.

Interface Kit
UTY-TWBXF1

Required to connect the ASU9, 12, 15RLS2/H+ and ASU9, 12, 15RLS3/H to Wired Remotes UTY-RNNUM and UTY-RVNUM, Dry Contact Wire Kit UTY-XWZXZ5, and Simple Remote Control UTY-RSNUM.

Slim Duct Connector Kit
UTD-ECS5A

Comes with 5 sets of wires. Can be used to turn unit on/off, wire in float switch, AUX heater, turn on an external device (Fan), or show if the unit is running.

Outdoor Unit Input/Output Connector
UTY-XWZXZ3

Gives the ability to limit the noise of the unit*, stop the outdoor unit, limit power consumption*, control the operating mode (Htg/Clg), or use output status to see if the compressor is running. You will need to order a kit for each option.

*Will reduce capacity.

Outdoor Unit Base Heater Connector
UTY-XWZXZ4

Used to hook up an AUX base pan heater to the outdoor unit. Heater will stop ice from forming in the outdoor unit. Base heater will operate when outdoor temperature is below 36°F. Heater is field supply. Heaters greater than 25W can't be fed directly from the board, but have to be powered from another source.

Fresh Air Intake Kits

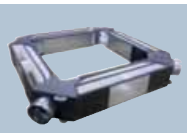
High Humidity Insulation Kit
UTZ-KXGC

Additional insulation for compact cassette units, which may be needed when they are installed in high humidity areas.

Air Outlet Shutter Plate
UTR-YDZB

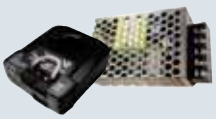
In a 3-way air flow configuration an Air Outlet Shutter Plate kit is required to block air flow of 1 louver.

Fresh Air Intake Kit
UTZ-VXAA



Mixes room air then passes it through a heat exchanger. Allows for a 4-inch flex duct connection. Requires a field supplied duct booster fan capable of 60 CFM at .2"W.C. or 90 CFM at .4"W.C. For fan static pressure requirements, see installation manual.

Fresh Air Intake Kit
KHRS940-25



Kit contains current sensor with built-in relay (Split Core Fixed Threshold Current Status Sensor with Command Relay) and Switching Power Supply. Duct and Fan are field supply. A fan capable of generating 15 CFM at a static pressure of approximately .26 inches W.C. required.

^ Minimum Heat, Sleep Timer functions will be lost when the wired remote controller is installed.
* Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit (Part UTY-XCBXZ2) in order to connect this device to them. Wall mounted ASU9, 12, and 15RLS3/H require accessory interface kit (Part UTY-TWBXF1) in order to connect this device to them.

Miscellaneous

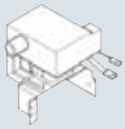
3-Pole Single Throw Safety Switch
K3PST

For use where code requires a disconnect at the indoor unit.

R410A Swivel Adapter
K9R410A55

In order to minimize incorrect charging of systems with R22 Fujitsu uses a different access port. Contractors will need this 55-degree swivel access fitting.

Condensate Pump
UTR-DPB24T



OEM design plugs into factory harness for ease of installation. Rated for 11.8" of vertical lift. Only used with System 36RSLX.

18+18 Combo Fittings Kit
K9FZ1818

Allows two 18,000 BTU indoor units to be used on an outdoor AOU36RLXFZ1. Requires special piping; limited to only 18,000 BTU models. Total BTU capacity is limited to 31,600 BTU in cooling. The kit upsizes linesets to 3/8" and 1/2".

Auto Louver Grille Kit*
UTD-GXSA-W (for ARU7/9/12)
UTD-GXSB-W (for ARU18)
UTD-GXSC-W (for ARU24)

Auto Louver provides comfortable airflow and blends in with various interiors. Grille can be connected either directly to indoor unit or through the rectangular duct.

** Only compatible with ARU models with serial numbers greater than 2000.*

Compatibility

		Single Zone Wall Mounted																			Single Zone Ducted			Single Zone Cassette			Universal/ Ceiling Suspended			Floor Mount						Large Cassette				HFI Multi-Zone and Flex-Zone						
		9RL2	9RLFW1	9RLS3	9RLS3H	12RL2	12RLFW1	12RLS3	12RLS3H	15RLS3	15RLS3H	18RLB	18RLXFW	24RLB	24RLXFW	30RLXB	30RLX	36RLXB	9RLFCD	12RLFCD	18RLFCD	9RLFCC	12RLFCC	18RLFCC	18RULX	24RULX	36RSLX	9RLFF	12RLFF	15RLFF	9RLFFH	12RLFFH	15RLFFH	18RCLX	24RCLX	36RCLX	42RCLX	Small Wall (RLF1-7, 9, 12k BTU)	Designer Wall+ (RLS2-9, 12, 15k BTU)	Large Wall (18, 24k BTU)	Cassette	Slim Duct	Floor Mount	AOU48RLXFZ1
Remote Controls																																													
UTY-RNBYU	Wired Remote Control																●								●[1]	●[1]	●[1]																		
UTY-RNNUM	Wired Remote Control		●[3]	●[2]	●[2]		●[3]	●[2]	●[2]	●[2]	●[2]	●	●	●	●	●		●	●	●	●	●	●				●	●	●	●	●	●					●[3]	●[2]	●				
UTY-RVNUM	Wired Remote Control *(Backlit, shows room temp.)*		●[3]	●[2]	●[2]		●[3]	●[2]	●[2]	●[2]	●[2]	●	●	●	●	●		●	●	●	●	●	●				●	●	●	●	●	●					●[4]	●[4]	●[4]	●[4]	●[4]	●[4]	
UTY-RSNUM	Simple Remote Control		●[3]	●[2]	●[2]		●[3]	●[2]	●[2]	●[2]	●[2]	●	●	●	●	●		●	●	●	●	●	●				●	●	●	●	●	●					●[3]	●[2]	●	●	●		
UTY-LNHUM	Wireless Remote Control																					●	●	●																	●			
UTY-DMMUM	Central Remote Control																																										●
UTY-XSZX	Remote Sensor																		●	●	●																					●		
UTY-LRHUM	Receiver Unit																		●	●	●																					●		
Interface Kits																																												
UTY-XWZX	Dry Contact Wire Kit											●	●	●	●	●	●	●				●	●	●																	●	●			
UTY-XWZXZ5	Dry Contact Wire Kit		●	●	●		●	●	●	●	●																	●	●	●	●	●	●					●[3]	●[2]			●	
UTY-XCBXZ2	Interface Kit[3]			●			●																															●						
UTY-TWBXF1	Interface Kit[2]			●	●			●	●	●	●																												●					
UTD-ECS5A	Slim Duct Connector Kit																		●	●	●																					●		
UTY-XWZXZ3	Outdoor Unit Input/Output Connector																																										●
UTY-XWZXZ4	Outdoor Unit Base Heater Connector																																										●
Fresh Air Intake Kits																																												
UTZ-KXGC	High Humidity Insulation Kit																					●	●	●																	●			
UTR-YDZB	Air Outlet Shutter Plate																					●	●	●																	●			
UTZ-VXAA	Fresh Air Intake Kit																					●	●	●																	●			
KHRS940-25	Fresh Air Intake																																			●	●	●	●					
Miscellaneous																																												
K3PST	3-Pole Single Throw Safety Switch	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
K9R410A55	R410A Swivel Adapter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
UTR-DPB24T	Condensate Pump																									●																		
K9FZ1818	18+18 Combo Fittings Kit *for AOU36RLXFZ1*																																							●				
UTD-GXSA-W	Auto Louver Grille Kit (for ARU9, 12)																		●	●																								●	
UTD-GXSB-W	Auto Louver Grille Kit (for ARU18)																				●																							●	
UTD-GXSC-W	Auto Louver Grille Kit (for ARU24)																																											●	

1 If using UTY-RNBYU with these models you need to change the dip switch SW-1 to "ON". Refer to Tech Tip #028.
2 Wall mounted ASU9, 12, and 15RLS2/RLS3H and ASU9, 12, and 15RLS3/RLS3H require accessory interface kit #UTY-TWBXF1 in order to connect these devices to them.
3 Wall mounted ASU7, 9, and 12RLF1 require accessory interface kit #UTY-XCBXZ2 in order to connect these devices to them.
4 Only multi-zone models greater than specific serial numbers are compatible with UTY-RVNUM. See Service Bulletin 0031 for serial number compatibility.
+ ASU9,12,15RLS2 are NOT compatible with AOU18/24RLXFZH or AOU36RLXFZ1.

Line Set Sizes and Lengths

Single Zone Systems

	9RL2	9RLFF	9RLFFH	9RLFW1	9RLS3	9RLS3H	12RL2	12RLFF	12RLFFH	12RLFW1	12RL32	12RLS3H	15RLFF	15RLFFH	15RLS3	15RLS3H	18RLB	18RLXFW	24RLXFW	24RLB	30RLX	30RLXB	36RLXB	9RLFCD	12RLFCD	18RLFCD	9RLFCC	12RLFCC	18RLFCC	18RULX	24RULX	36RSLX	18RCLX	24RCLX	36RCLX	42RCLX
1/4" x 3/8"	●	●	●	●	●	●	●	●	●	●	●	●												●	●		●	●								
1/4" x 1/2"													●	●	●	●	●			●						●				●	●		●			
1/4" x 5/8"																																				
3/8" x 1/2"																																				
3/8" x 5/8"																		●	●		●	●	●								●	●		●	●	●
Total System																																				
Max. Combined Pipe Length ft (m)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	165 (50)	165 (50)	66 (20)	165 (50)	165 (50)	165 (50)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	66 (20)	165 (50)	165 (50)	165 (50)	165 (50)	165 (50)	165 (50)	230 (70)
Min. Combined Pipe Length ft (m)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	16 (5)	16 (5)	10 (3)	16 (5)	16 (5)	16 (5)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	10 (3)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)	16 (5)

While these systems share indoor units, different line sizes are required.

Multi / Flex Zone Models

	ASU7RLF1	ASU9RLF1	ASU12RLF1	ASU18RLF	ASU24RLF	AGU9RLF	AGU12RLF	AGU15RLF	ARU7RLF	ARU9RLF	ARU12RLF	ARU18RLF	ARU24RLF	AUU7RLF	AUU9RLF	AUU12RLF	AUU18RLF	ASU18RLF x 2*	AGU18RLF x 2*	ARU18RLF x 2*	AUU18RLF x 2*	UTP-PU03A /3B^	AOU18RLXFZ	AOU18RLXFZH	AOU24RLXFZ	AOU24RLXFZH	AOU36RLXFZ1	AOU36RLXFZ1 (18+18)	AOU48RLXFZ1
1/4" x 3/8"	●	●	●			●	●		●	●	●			●	●	●													
1/4" x 1/2"				●				●				●					●													
1/4" x 5/8"					●								●																	
3/8" x 1/2"																		●		●	●									
3/8" x 5/8"																						●								
Total System																														
Max. Combined Pipe Length ft (m)																							165 (50)	165 (50)	165 (50)	165 (50)	230 (70)	131 (40)	377 (115)
Min. Combined Pipe Length ft (m)																							49 (15)	49 (15)	49 (15)	49 (15)	66 (20)	49 (15)	16[1] 10[2] (5)[1](3)[2]

Each Indoor Unit Minimum and maximum pipe lengths for multi-zone units are found on pages 39, 42 and 45.

*18+18 is the only 2 indoor unit combination allowed for AOU36RLXFZ1 and requires kit K9FZ1818.

While these systems share indoor units, different line sizes are required.

^ Line set size from outdoor unit AOU48RLXFZ1 to the branch boxes.

[1] Minimum combined pipe length from outdoor unit to branch box.

[2] Minimum combined pipe length from branch box to indoor unit each.

Fujitsu Model Nomenclature

Model		18	R		L		X		F		Z		H	
ASU	Wall Mount	BTUs in thousands	R =	Reverse cycle heat pump	C =	Cassette	L =	Inverter	S =	Super Efficient	Z=	Zone	H =	High Heating
ABU	Universal Mount Ceiling Susp.		C =	Cooling only	S =	Ceiling Susp.	X =	Extended Line Set	X =	Extended Line Set	W=	Wall Mount Only		
ARU	Slim Duct				L =	Inverter	S =	Super Efficient	F =	HFI (when followed by a "W" or "Z") *or* Floor Mount	H =	High Heating		
AUU	Cassette Mount				U =	Universal	F =	HFI	H =	High Heating				
AGU	Floor Mount						B =	230V	W =	Wall Mount Only				
AOU	Outdoor Unit								C =	Compact Cassette or Slim Duct				
									B =	230V				

* 1, 2 or 3 at the end of a model number denotes a model revision. Please note models may not be combined with each other.

Things To Know Before You Buy a Fujitsu System

Complete System Warranty

Warranties vary depending on model:
2 Year Parts, 6 Year Compressor Warranty OR
5 Year Parts, 7 Year Compressor Warranty.
Note: Condensing units come pre-charged from factory. Additional refrigerant may be required, be sure to check installation manual for more details.

- Cooling capacity is based on the following conditions:
  Indoor temperature: 80°F DB/67°F WB (26.7°C DB/19.4°C WB)
  Outdoor temperature: 95°F DB/75°F WB (35°C DB/23.9°C WB)
- Heating capacity is based on the following conditions:
  Indoor temperature: 70°F DB (21.1°C DB)
  Outdoor temperature: 47°F DB/43°F WB (8.3°C DB/6.1°C WB)

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Things To Know Before You Install a Fujitsu System

Warning

Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion. Use only parts and accessories supplied or specified by Fujitsu. Ask a licensed contractor to install parts and accessories. Use of unauthorized or improper installation of parts and accessories can result in injury or property damage. Read the owner's operation manual carefully before using this product. The owners operation manual provides important safety instructions and warnings which should be followed closely. For any questions or concerns, please contact Fujitsu General America, Inc. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

Heat Pump Disclaimer

In most climates a heat pump will handle all of your heating needs. However, this system sometimes requires some other additional source of heat to satisfy heating requirements in the coldest environments. Almost all of Fujitsu's heat pumps use inverter technology and as such offer a wider operating range and more heat capacity than a standard heat pump but will not provide adequate heating if improperly sized or operated outside of its operating range. Specifications vary by model; please consult your contractor before choosing a heat pump as your only source of heat. Systems will maintain temperature up to +/-4 degrees relative to set temperature. To increase energy efficiency on multi-type systems, you should turn off the evaporators when heating or cooling is not needed.

Disclaimer

Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

Certifications

ISO

ISO14001 is the standard defined by the International Organization for Standardization (ISO) related to environmental management systems. Fujitsu General America, Inc. has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO14001. The air conditioners manufactured by Fujitsu have received ISO9001 series certification for quality assurance.

Intertek

- **ISO9001**
- **ISO14001**

ASTM

Our outdoor units shall withstand 1,000 hours of salt spray tested per procedure ASTM B117.

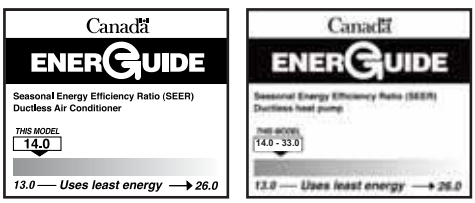
RoHS Compliant

Fujitsu participates in the RoHS Directive, which is the Restriction of Hazardous Substances in electrical and electronic equipment. It is an EU directive intended protect the environment by forcing manufacturers to eliminate or severely curtail the use of cadmium, hexavalent chromium, and lead in all products from automobiles to consumer electronics.

AHRI Energy Guide® Program (U.S.)

To view AHRI numbers or Energy Guide labels, please go to www.ahridirectory.org.

HRAI EnerGuide® Program (Canada)



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